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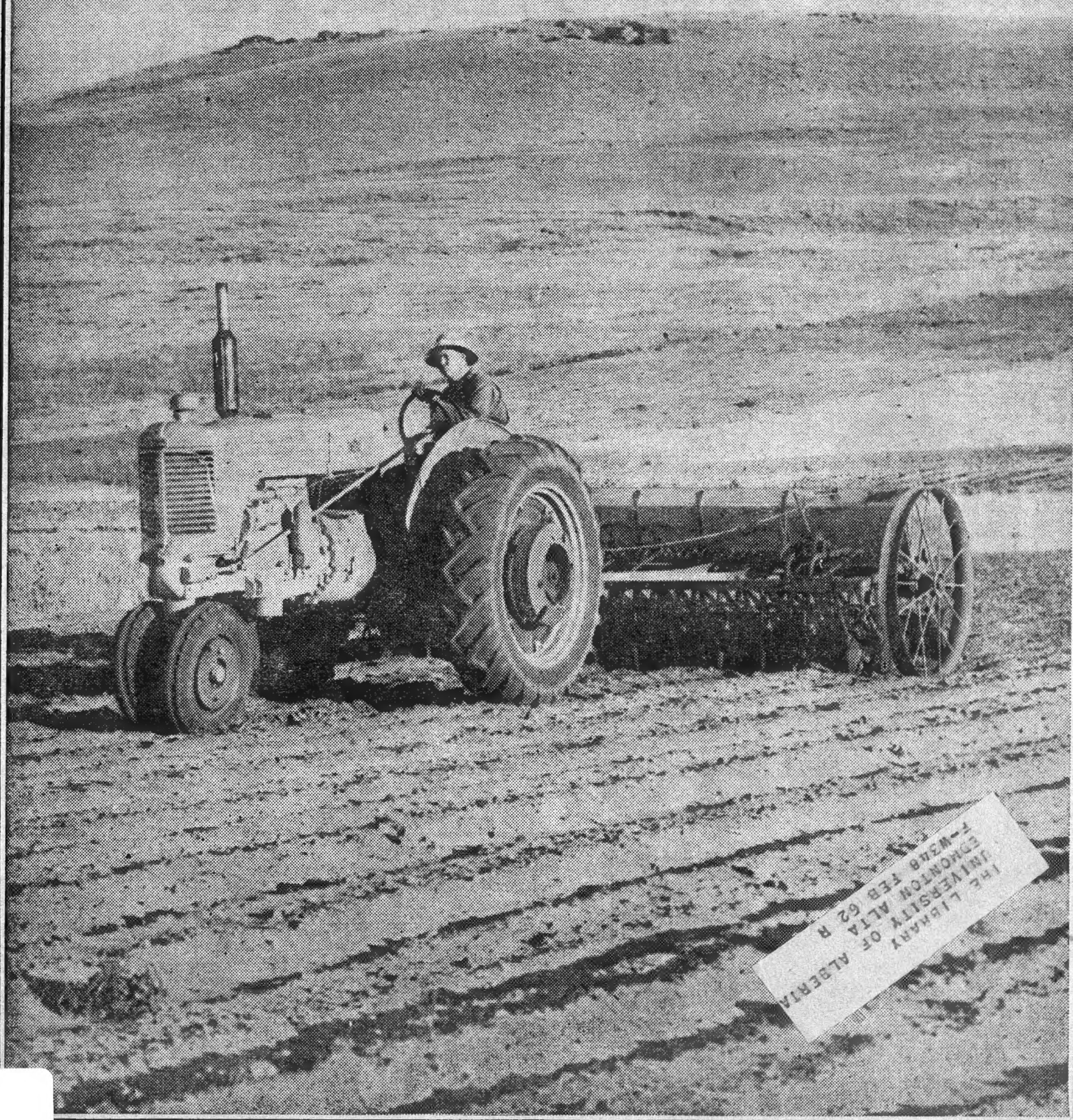
# Farm and Ranch Review

VOLUME XLIII  
NUMBER 5

CALGARY, ALBERTA  
MAY, 1947

MAY 14 '47

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1947

# Modern Control for Weeds in Grain

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**With Ground Sprayers.** Use 16 oz. of Weed-No-More 40 to 80 gals. water per acre.

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**APPLICATION EQUIPMENT:** While Green Cross Insecticides do not have any application equipment for hire a list of owners with aeroplane or ground equipment is being compiled and will be available to all Weed-No-More users. If you have equipment for hire list your name with us.

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COUPON**

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Address .....

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OF  
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• Rub Absorbine in well as soon as swelling or irritation is noticed. Apply Absorbine each day before and after the horse is worked. Be sure that the collar is not torn or lumpy, as this will continue irritation.

Absorbine speeds the blood flow through the injured parts—helps open up small blood vessels, clogged by collar pressure, thus relieving soreness. Swelling usually goes down within a few hours if Absorbine is applied as soon as injury occurs. It is most helpful in checking fresh hog spavin, windgall and curb. \$2.50 at all druggists.

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2000 r.p.m. Jointed shaft 66 inches long. Complete with famous Stewart EB Wide Professional Type Shearing Handpiece.

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Factory: 321 Weston Rd. S., Toronto 9.

# New Sugar Factory Planned for Taber

FIRST steps have been taken for the construction of a beet sugar refinery at Taber, to cost in the neighborhood of \$4,000,000, T. George Wood, general manager of Canadian Sugar Factories Ltd., announced on April 28. Excavation has started for the plant, which when completed will be the most modern of its kind on the continent. It will be of streamline concrete construction and work now is in progress on power lines, railway connections and temporary buildings.

Mr. Wood anticipated that the new plant will be in operation in time to handle the 1949 sugar beet crop from the Taber district and surrounding areas. The company already operates plants at Raymond and Picture Butte.

## Survey Shows Good Profit Marketing Grains as Pork

AT present market prices of coarse grains and hogs, an Alberta farmer who grows his own oats and barley and feeds them to hogs can realize profits of from \$4.09 to \$8.20 per animal, depending on the grade. This conclusion is reached through a hog production costs survey made by A. J. Charnetski, provincial government livestock supervisor. The calculations are based on the increased grain prices as at April 1, 1947, namely 51½¢ a bushel for oats and 75½¢ for barley, and on the floor prices for hogs at Edmonton packing plants on the same date.

The following table gives the net profits per hog as calculated by Mr. Charnetski:

Grade	Live weight	Net profit per hog	Net profit per 100 lbs. feed
A	210	\$8.20	\$1.07
B1	210	6.57	.86
B1	230	7.74	.89
B3	240	6.24	.68
Heavy	250	4.09	.41

The survey showed that by feeding grain through hogs farmers could obtain 81½¢ a bushel for oats and \$1.17½ a bushel for barley. This is 30¢ above market price for oats and 42¢ above market price for barley. It is calculated that it takes from 4½ to 5 pounds of grain to make 1 pound of live gain.

The floor price for grades A and B1 dressed hogs is \$19.90 and \$19.50 per cwt. respectively. After September 1, 1947, the price for these two grades will be \$21.55. The dressing percentage of hogs up to 210 pounds is 75 per cent, and over 210 pounds 76 per cent.

## Annual Feeders' Day At U. of A. on June 7

The 26th Annual Feeders' Day sponsored by the Department of Animal Science, University of Alberta, will be held at the livestock pavilion, University Farm on Saturday, June 7.

Several feeding trials have been in progress during the past year dealing with current problems related to livestock production. The reports on these experiments will be the basis for an interesting and profitable program that should have an appeal to all livestock producers. Several hundred farm people have gathered for this event in previous years and a cordial invitation is extended again this year to visit the University on Saturday, June 7.



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## WESTERN CANADIAN GREYHOUND

## Provincial Bonus Advocated To Encourage Hog Production

AS an incentive toward increased winter pig production, the provincial government should pay a bonus to farmers engaged in this activity, the Alberta Federation of Agriculture believes. This policy would provide for an additional payment for hogs delivered in normally slack marketing periods, Federation directors agreed at a recent meeting in Edmonton.

Bacon production is a cornerstone of Alberta's livestock industry, a number of speakers pointed out, and farmers in their own interest should maintain production at a high level. With the further increase in bacon prices on September 1 and the removal of the subsidies on feed grains, the average farmer would find that he could realize good returns by feeding his coarse grains to hogs. Alex Charnetski of the provincial department of agriculture presented figures to show that a net labor return of \$10.20 per hog was possible.

The A. F. A. also went on record as favoring the continuance by the Dominion government of the freight subsidy on the movement of feed grains from the Lakehead to Ontario and Quebec, since the market for western surplus feed grains in Eastern Canada must be maintained.

Emphasizing the seriousness of the reduction in recent months in hog marketings, the following figures show the numbers of hogs killed in inspected plants in Alberta during the month of February in each of the last seven years:

1941	115,018
1942	153,694
1943	152,433
1944	243,701
1945	150,499
1946	90,241
1947	63,360

## Increase Price Of Flax to \$5

An increase of \$1.75 a bushel in the price of flax has been announced by the federal government, bringing the total to \$5 a bushel and making flax one of the best potential money producing crops on the prairies.

The price increase would appear to have come just in time to influence many farmers in their decision as to spring plantings, and indications are that the flax crop this year will be considerably larger than the one which brought close to \$25,000,000 to prairie farmers in 1946. Last year's flax crop was in the vicinity of 7½ million bushels.

...

## STOCK GROWERS TO MEET AT PINCHER CREEK, MAY 17

Directors of the Western Stock Growers' Association will hold one of their regional meetings in Pincher Creek on May 17. A number of stockmen's problems.

## PRIZEWINNERS

Announced

in

## Circulation Campaign

AS a result of the draw conducted under the supervision of the Company's auditors on March 20, 1947, following are the names of the winners of prizes in the FARM AND RANCH REVIEW's recent circulation campaign, in the order in which they were drawn:

- 1st.....\$500.00—Mrs. Mabel Travis, Iola, Alta.
- 2nd.....150.00—Mrs. Fred Gottenberg, Champion, Alta.
- 3rd.....40.00—Mr. A. Eiserman, Box 15, Walsh, Alta.
- 4th.....30.00—Mrs. Norman Waunch, Breton, Alta.
- 5th.....10.00—Mr. S. Keeping, Codette, Sask.
- 6th.....5.00—Mr. Walter C. Wilkinson, Box 52, Olds, Alta.
- 7th.....5.00—Mr. L. M. Nelson, R.R. 1, Bawlf, Alta.
- 8th.....5.00—Mr. Ford Molstad, Box 47, Neville, Sask.
- 9th.....5.00—Mr. Frank J. Boudy, Ruthilda, Sask.
- 10th.....10.00—Mr. Mike Nayko, Box 313, Watrous, Sask.
- 11th.....5.00—Mr. N. P. Nielsen, Chancellor, Alta.
- 12th.....10.00—Mr. Alfred Hogg, Stony Beach, Sask.
- 13th.....10.00—Mr. George W. Benson, Coronation, Alta.
- 14th.....5.00—Mr. Mike J. Waldner, R.R. 3, Langham, Sask.
- 15th.....5.00—Mr. A. Drewicki, Box 311, Wainwright, Alta.
- 16th.....5.00—Mrs. Elmer Sather, Wanham, Alta.
- 17th.....5.00—Mr. Duane Harker, Box 21, Magrath, Alta.
- 18th.....5.00—Mrs. K. Curtice, R.R. 3, Innisfail, Alta.
- 19th.....5.00—Mr. Robert Blakely Orr, Hillcrest, Alta.
- 20th.....5.00—Mr. J. T. Adams, Cousins, Alta.
- 21st.....10.00—Mr. C. Lemond, Markerville, Alta.
- 22nd.....10.00—Mr. Jesse Johnson, Cherry Point, Alta.
- 23rd.....10.00—Mr. Camille Bombier, Box 137, Esterhazy, Sask.
- 24th.....10.00—Mr. Harold Matthews, Eyebrow, Sask.
- 25th.....10.00—Mr. Archie Burke, Box 14, Chauvin, Alta.
- 26th.....10.00—Mr. Ray W. Derksen, Langham, Sask.
- 27th.....5.00—Mr. Jacob J. Martz, Box 61, Heisler, Alta.
- 28th.....10.00—Mr. N. J. Andrew, Scotfield, Alta.

It will be noted that in some instances a prize is larger than another appearing higher on the list—the reason being that in the case of the larger prize the new subscriber enclosed \$1.00 rather than 25 cents for his subscription.

The management of the FARM AND RANCH REVIEW extends congratulations to the fortunate prizewinners and its thanks to the hundreds of other entrants who took part in the campaign.

# Alberta Welfare Branch Under Fire

WIDESPREAD interest has been aroused throughout the province by serious charges levelled at the Alberta Welfare Branch by Dr. Charlotte Whitton, nationally known welfare authority, in a Calgary address on April 21. Little or no progress could be made in welfare work in Alberta, the speaker declared, "until the public welfare program of the province itself is put on a more humane, intelligent, less arbitrary and properly organized basis."

Dr. Whitton outlined some of the findings and recommendations of the survey conducted by the I.O.D.E. during the past six months, despite what were termed efforts to discourage it through the refusal of access to records and files of the provincial welfare branch. The survey had disclosed that Alberta had "an incredibly centralized and bureaucratic provincial public welfare system, entrenched in statute, administration and personnel to a degree unparalleled in any province, and probably on this continent." In addition, the survey had encountered "a bitter and even vindictive antagonism to any working partnership with any elective municipal or organized voluntary citizen effort."

The Society for the Prevention of Cruelty to Animals would prosecute were dumb brutes found to be housed in conditions like those in which large numbers of human beings are living today, declared Dr. Whitton, citing numbers of cases of almost unbelievable privation and hardship among aged or destitute persons, many of whom are infirm or chronically ill.

Dr. Whitton further charged that of babies placed for adoption, an average of "not less than one a week, right up to the end of 1946, had been placed in homes in the United States," and that "over a period of some years now, about one of ten of all adoptions have been outside Alberta." She declared that babies listed in official reports as transferred because "mother unable to support" were:

1. "Bartered, in many cases, before birth, to foster-parents in the United States.
2. "Exported, in many instances, with all expenses paid, under escort of the wife or another woman, relative or friend of staff members of the Child Welfare department.
3. "Made available for 'quick adoption' by use of the superintendent's declaration that she knows the infant's new home to waive the probationary year, required under Alberta law as a safeguard alike to child and adopting parents."

Alberta babies had been "exported" for adoption, the speaker continued, in homes reported from Anchorage to Guatemala, from the nearby states of Montana and Washington, to Honduras, to South America, to Puerto Rico and to several southern states, with wealth rather than any other human consideration apparently the determining factor. Such transfers, Dr. Whitton charged in many cases made expatriates of the children, finally severed all ties between parent and child without a court hearing, a judicial

(Continued on page 16)

## Dr. Whitton's Qualifications

DR. Charlotte Whitton, C.B.E., M.A., D.C.L., LL.D., whose authority to criticize the operation of the welfare Branch of his department has been brusquely challenged by Dr. W. W. Cross, Alberta minister of health, has had many years of distinguished service in the field of public welfare. Her training in this sphere and her experience as a consultant, lecturer and writer have won her an outstanding reputation, recognized by the fact that she has conducted studies in some phase of welfare work in eight provinces and forty cities in Canada. Her present findings were made in the course of a survey she was invited by the I.O.D.E. to carry out.

Born in Ontario, she was educated at schools in that province and at Queen's University, from which she obtained her Master of Arts degree in 1917. During her course she won medals in History, English and Education. Choosing public welfare as her career, in 1918 she was named Secretary of the Social Service Council of Canada. Four years in this responsible position were followed by three as secretary to the Minister of Trade and Commerce.

Between 1926 and 1941, she served as Director of the Canadian Welfare Council and was the delegate of Canada to the Advisory Committee on Social Questions of the League of Nations. During this period she became familiar with the welfare problems of many other lands, as a background for her subsequent application to problems in Canada, and since 1941 she has written and lectured extensively and acted as consultant on welfare services.

The importance and value of her work in this field were recognized when she was awarded the ribbon of a Commander of the British Empire by King George V in 1934, the Jubilee Medal for Public Service in 1935, the Coronation Medal for Public Service in 1937, the degrees of Doctor of Civil Law from King's College, Halifax, in 1939, and Doctor of Laws from Queen's University in 1941.

An executive member of the I.O.D.E., of the Council for Social Service for the Church of England in Canada, a Trustee of Queen's University and a member of the Canadian Women's Press Club, Dr. Whitton is the author of more than 50 pamphlets on various social problems in child and family welfare, delinquency, community organization, social security and immigration. Three of her widely-read books are: "Canadian Women in the War Effort", "The Dawn of an Ampler Life" and "Health Services for the Canadian People". A great deal of the material from which she has written has been collected in the course of surveys she has made, similar to that she has just concluded in Alberta.



## BETTER LIVING

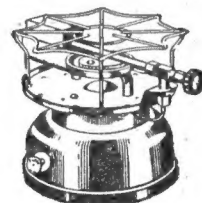
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**Coleman FARM LAMPS**



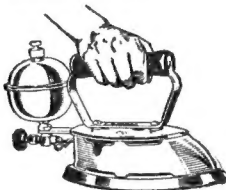
Your home will be lighter, brighter and more pleasant with plenty of Coleman light where all the family work, read, sew and study. It costs so little for so much light. Get an extra lamp if you have only one. Make your home the brightest in your community now.

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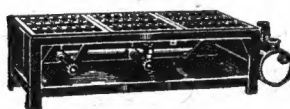
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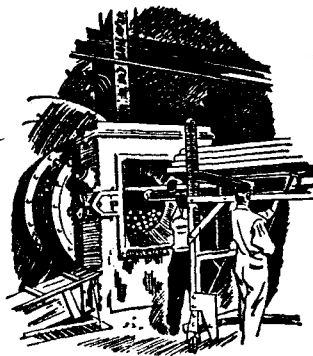
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Charging one of the grinding mills with steel rods in the Nickel plant at Copper Cliff

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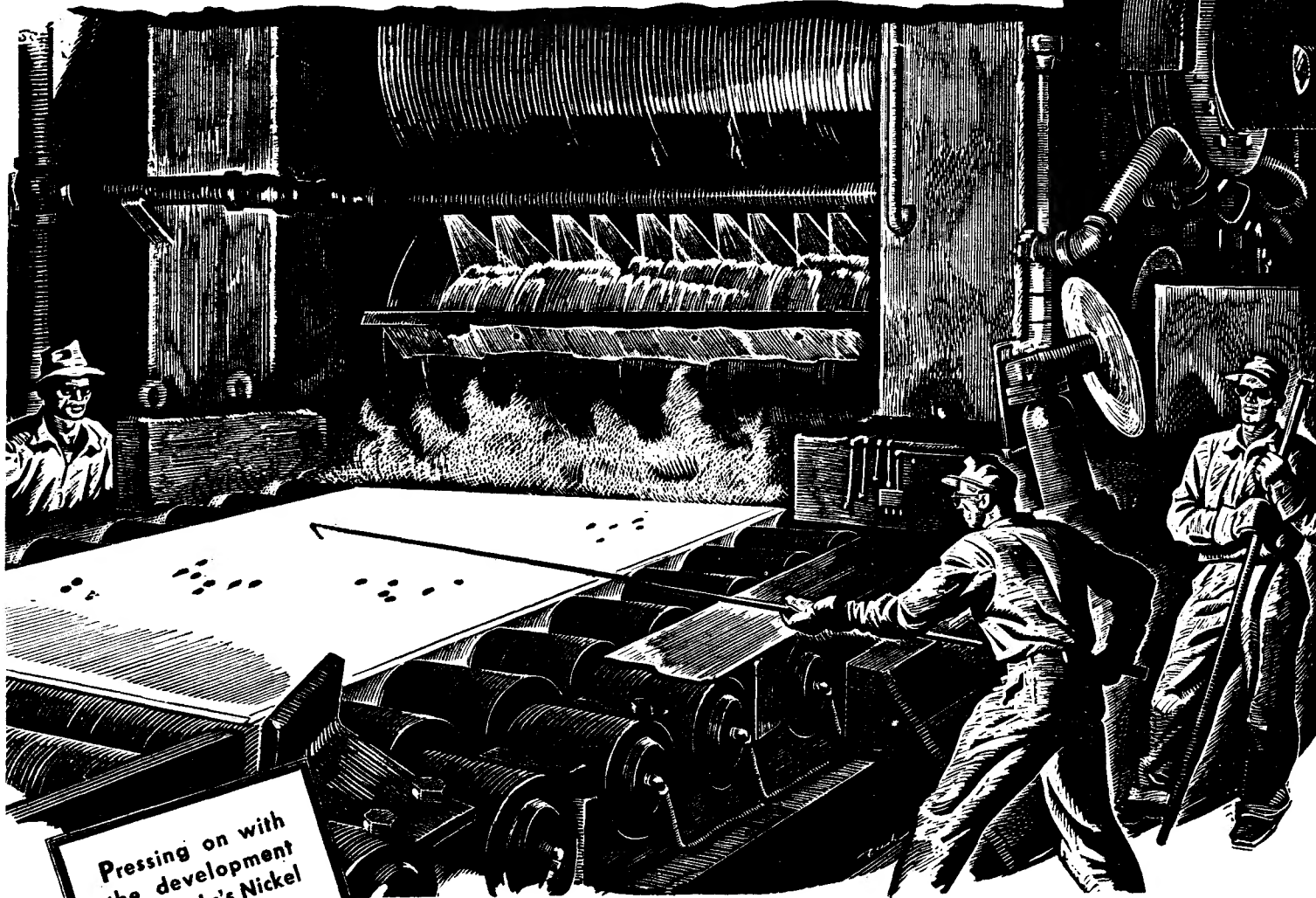


and to give them the ability to stand up under intense heat. About six tons of Nickel, for instance, went into the rolls, gears, shafts and other parts of the plate mill illustrated here.

So the Canadian Nickel worker produces Nickel for the steel industry; the steel worker produces the steel the Canadian Nickel industry must have. Each and every industry in this country creates employment in other industries. *No matter how we earn a living, we are all one family, each depending on the others.*

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# Farm and Ranch Review

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# Editorial

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THERE is good reason to believe that the sharp rise in the price of many commodities which immediately followed a wide range of price decontrol moves will level out as soon as supply and demand return to reasonable operation. It is generally accepted that price controls had to be lifted if production is to resume normal volume but the government has acted wisely in retaining the power to crack down on manufacturers and distributors who take advantage of a free and hungry market for their goods.

There is a widespread suspicion that in some industries manufacture and distribution have been deliberately restricted under ceilings, awaiting the day when a much greater volume of goods could be sold at uncontrolled prices. Ottawa, it is indicated, will keep a very stern eye on any tendency in such cases to charge "what the traffic will bear" and can promptly reimpose controls on prices that get drastically out of line. Competition, of course, will regulate values in time, but during the transition from scarcity to plenty, from a controlled to a free economy in distribution, price supervision will still be necessary in the interest of the consumer, and everyone is a consumer.

Appeals by housewives' delegations and other groups to have government price controls reimposed on large numbers of items are not likely to get very far in the face of a general move back toward an unrestricted economy, but a large enough, and incensed enough, body of the purchasing public has a very potent weapon at its command — it can refuse to buy many items offered at unreasonable prices. This is not true, however, of most essential foodstuffs and controls generally in this field are fortunately being retained, for the present at least, but purchases of semi-luxury items, although now long deferred, can be put off still further until values adjust themselves.

An encouraging note comes from a few big American industries, whose prices to the consumer have already been reduced. These firms have found that despite higher labor and material costs their greater volume of unit production has lowered their unit cost, and this advantage is being passed on to the purchaser. This appears likely to follow in many fields of production, and it will be one of the greatest factors in getting business back on an even keel for both seller and buyer.

CANADA needs more people. No young nation can achieve its destiny without judiciously increasing its population to the point where the greatest possible use can be made of its resources. Ottawa is approaching the problem of a national immigration policy very cautiously, and rightly so, since a wrong move could be disastrous. We do not want to let down the bars to an unscreened influx of undesirables who will bring to Canada the lower living standards and dangerous political systems that prevail in parts of Eastern and Central Europe, but many other countries would willingly send us thousands of people who would contribute much to the development of the Dominion. Polish war veterans already at work on several hundred Canadian farms provide an example of the satisfactory service which selected immigrants can give, and this system could well be expanded as the need for additional labor appears in one industry or another.

Canada's export markets for agricultural products will not continue at their present levels if countries now hungry resume anything like their former production, and farmers must then rely more and more on the domestic market to absorb their grains and meats and other foods. Every immigrant and his family, whether the breadwinner be employed in a factory or on a farm, in a mill, in the woods or in the mines, will be consumers in the domestic market. They will buy not only foods but the endless list of products of the industries to which their labor and skills contribute.

A student of the United Nations' program for world adjustment of strains and stresses recently advanced the rather startling speculation that the day may come when a world authority will decree that great blocks of people from overpopulated lands be transplanted to areas with more breathing space. Canada would logically be such a goal if her space is still unfilled, and there would not be much selection in an immigration policy of that kind.

Australia, Argentina and other countries already have well advanced plans for filling their spaces and will get the pick of the immigrant movement. Canada should not wait until the crop is picked over.

WHILE it is never safe to count your chickens before the shells are chipped, it can be said that western farmers are entering the 1947 crop season with a better than usual basis for optimism as to its outcome. Top soil has dried rapidly following a heavier than average snowfall

in most areas which has provided an excellent store of moisture in the seed bed. Late fall rains, particularly in Southern Alberta, laid down a good subsoil moisture supply and plants will root deeply as added protection against possible later dry weather. Every farmer knows, of course, that no bumper crop is possible without normally good rains in June and early July, and this year's crop will run the usual gantlet of pests, but it is starting with a promise of thrifty growth to carry it through.

Seeding will be delayed in some water-soaked fields, and this can be turned to good advantage in the 1947 program for the growing of more barley, oats and flax. All these crops mature relatively fast, present guaranteed prices are attractive and demand is assured for finished pork and beef and the coarse grains to finish them. Many good farmers this year are planning to seed part of the land they would otherwise summerfallow, and while we do not advocate abandoning normally recognized good farming practices, 1947 would appear to be a year to go all-out for every possible bushel of production.

★ ★

FARMERS get a lot of advice as to how to run their business. Much of it is useful, some is of very questionable value, depending largely on the aims and qualifications of those who offer it. Along with many other things, sources of information improve as the years go on. Scientific research is ever adding to the sum of human knowledge, and results of study and experimental work are translated into everyday practice.

Millions of dollars are spent annually by industrial concerns in processing and perfecting products and by-products for the farm market and many of these, unknown a few years ago, have proved of untold value to agriculture. There is seemingly no end to the procession of bug-killers, weed-killers, serums and other plant and animal health aids which laboratories are turning out, and most of them have been thoroughly tested for efficiency. Some manufacturers' claims for their products are perhaps overly optimistic and these are the sources of advice and misinformation which government scientific agencies are constantly screening out.

Dominion and provincial science service experts have the facilities for testing new products, no matter how highly they may be recommended, and the findings of these authorities can be relied on. Science specialists at your nearest experimental farm or agricultural school familiar with your local conditions, can usually give you up-to-date advice that is worth listening to.

★ ★

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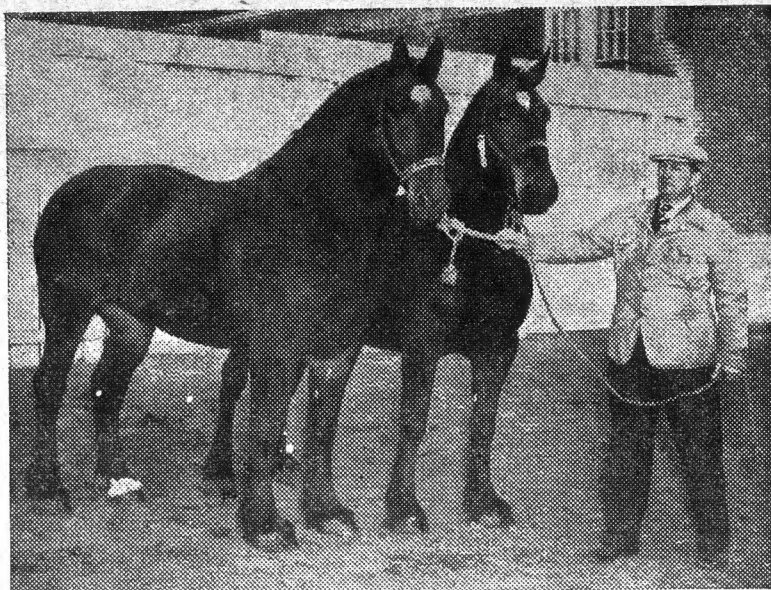
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### TOPPED CALGARY SALE

This team of young matched Percheron-breds brought the high price in the Calgary spring horse sale, when Alex Picov of Pickering, Ont., paid their owner, Stan Milan, Three Hills, \$610 for them. Mr. Milan paid \$170 for the pair at last year's sale. Best individual contributor's average price went to Jack Knaresboro of Castor, who sold nine head for a total of \$1,944. All four teams brought \$400 each.

## Horse Sales at Many Points Bring Best Prices in Years

1,100 HEAD AUCTIONED AT CALGARY AVERAGE \$78.65

CALGARY'S 1947 annual spring horse sale, held April 2 to 5 at the exhibition grounds, marked up new records for high average prices, for high individual prices, for the general outstanding quality of the animals offered and for the interest shown by purchasers both within the province and from East-

ern Canada. Officials of the Alberta Horse Breeders' Association, under whose auspices the auction was held, expressed their satisfaction with the all-round success of the event and the confidence in the future of the industry which it indicated in no uncertain terms.

The increased \$5 entry fee imposed this year undoubtedly had the effect of raising the general standard of the offerings and reducing their number to the 1,100 head which passed through the sale ring. The bidding throughout emphasized the fact that sound, well-fitted, well-broken horses in good flesh are in strong demand in many parts of the Dominion and that there is a profitable future in the breeding of good mares.

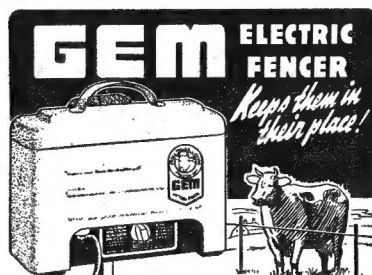
Outstanding price of the sale was the \$610 paid by Alex Picov of Pickering, Ont., for a splendidly matched team of brown Percherons, mare and gelding, age 4 and 5, contributed by Stan Milan of Three Hills, who bought them at last year's sale for \$170. A pair of blue-roan Percherons brought \$470 for Jack Knaresboro of Castor, while Roy Henderson of Calgary sold a team of big red-roan Belgian geldings for \$485.

Top price for a single animal was \$370, paid by Cliff Claggett, Carrot River, Sask., for a two-year-old Kentucky saddle filly raised by Archie McKinnon of Airdrie, and the heavy horse division of the sale was topped by a big chestnut gelding which brought Gus Erdman of Barons \$360 from Parr Bros. of Nova Scotia, who were among the heavy buyers at the sale.

The average price for all the animals passing through the ring was \$78.65, compared with \$69.35 last year and a previous high of \$72.

Summarized reports are given below of a number of the successful horse sales held throughout the west in recent weeks.

BRANDON—Total of 339 head auctioned for \$28,217.50, an average of \$77.81. Buyers in attendance from as



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far east as New Brunswick. Top team sold by S. Drewry, Mather, Man., for \$352.50. Top single animal brought \$240.

**EDMONTON** — Total of 57 head averaged \$51.45. Top of \$320 paid for team of Clydesdales consigned by Percy King of Busby and bought by Lawrence Rye, North Edmonton. James Francis, Tofield, contributed the top price single animal at \$90.

**RED DEER** — Prices averaged \$72.50 — about \$12.50 higher than last year — for 117 head sold. Many eastern buyers attended. Top team sold for \$217.50 and highest single entry for \$137.50. Most successful sale in recent years.

**LETHBRIDGE** — Floods and road ban reduced 225 original entries to 164 offerings, which brought the highest prices for many years, purchases by eastern buyers averaging about \$130. Two good Percherons consigned by William Ward, Lethbridge, sold for \$175 each for shipment to Montreal.

**LACOMBE** — Most successful sale in recent years saw 605 head sold for \$48,996, an average of \$81. High team, a pair of roan Belgian-breds consigned by Robert Park, and the high single from Allan O'Bray of Innisfail, at \$415, both went to Nova Scotia buyers. All offerings that were well fitted and well broken found a strong demand.

**STETTLE** — At eleventh annual sale, 429 horses averaged \$73, about \$10 higher than last year. Top price for a team, \$350 obtained by Walter Seyers of Botha, and high single price was \$212.50 paid to J. H. Hinkle of Botha by J. R. Parr, a Nova Scotia buyer.

**REGINA** — High prices were paid for the 800 heavy and 200 light animals passing through the auction ring. Top price was \$820 paid by Basil Johnson to John Neiderhoff, Rouleau, for a pair of matched Palominos. For a heavy team, a Nova Scotia buyer paid \$370 to H. J. McCaw of Moose Jaw, as top figure, and Palm Dairies bought the high single entry, a Belgian, from Vic Desautels, Lajord, at \$250.

## Wool Growers' Co-op. Re-elects Directors

After receiving from the directors and management a healthy report on the operations of Canadian Co-operative Wool Growers Ltd. for the past year, directors were continued or re-elected at the annual meeting on March 27 as follows: George C. Hay, Kamloops, B.C.; John Wilson, Jr., Innisfail, and Chris Jensen, Magrath for Alberta; Clem Kimber, Abbey, and I. J. Rushton, Rocanville, for Saskatchewan; George Gordon, Oak Lake, and Hugh Gilmour, Brandon, for Manitoba; Wilfrid Shields, Caistor Centre, W. A. Dryden, Brooklin, and D. E. McEwen, London, for Ontario; Adrien Morin, Cap Rouge and N. G. Bennett, Bury, for Quebec; Stanley Wood, Fredericton, N.B.; A. S. MacDonnell, Judique, N. S., and Alex Hamilton, New Perth, P.E.I.

The executive committee comprises Chris Jensen, W. A. Dryden, George C. Hay, George Gordon, Wilfrid Shields, N. G. Bennett, I. J. Rushton and Alex Hamilton. Mr. Jensen was re-elected president, W. A. Dryden as 1st vice-president and George C. Hay as 2nd vice-president.

All in all, said the board in its annual report, the facts indicate wool to be in a reasonably strong position and it is suggested to Canadian farmers and ranchers that further liquidation of sheep flocks is neither logical nor sound.

## BRANDON SALE AVERAGES HIGH

**SHORTHORNS** topped the averages when highly successful returns were recorded at the 42nd annual sale of purebred bulls and females held at Brandon early in April. In all, 72 Shorthorn bulls sold for an average of \$424.23, compared with the 1946 figure of \$398.89; 62 Herefords averaged \$369.84 against \$318.53 last year, and 16 Aberdeen-Angus brought an average of \$311.25, against \$296.56. Top price of the sale was \$1,500 paid by Tefry Bros., Portage la Prairie, for the champion Hereford bull contributed by the Howard Stephens estate, Wawanesa. Highest price for a Shorthorn was \$1,100 paid by Peter Thompson, Oak River, for the reserve champion contributed by Richardson Stock Farms, Winnipeg. The champion Angus bull, entered by the University of Manitoba, topped prices for the breed when he sold to Nick Yerama, Gilbert Plains, for \$660.

A white Shorthorn steer shown by Widdicombe Bros., Foxwarren, was adjudged champion animal of the fat stock show in which classes were closely contested. He sold to Eaton's for 50 cents a pound, top price of the sale. An average figure of 20.7 cents a pound was recorded for the 76 animals sold.

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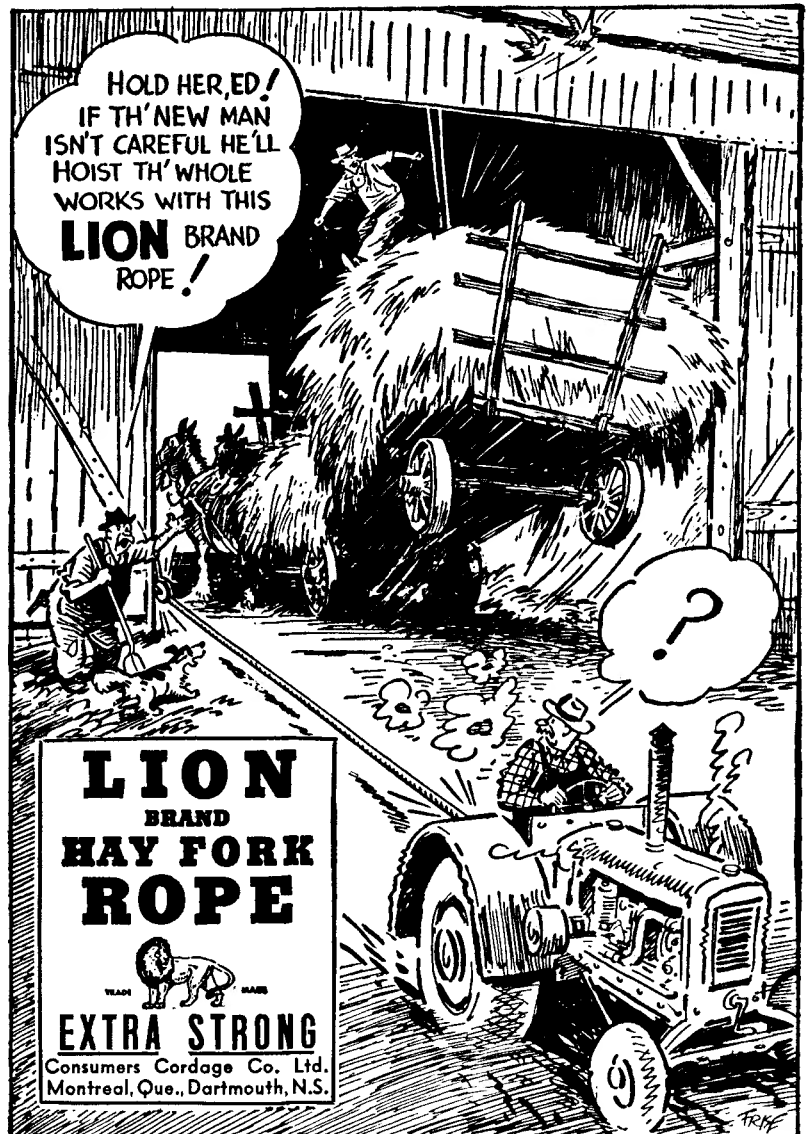


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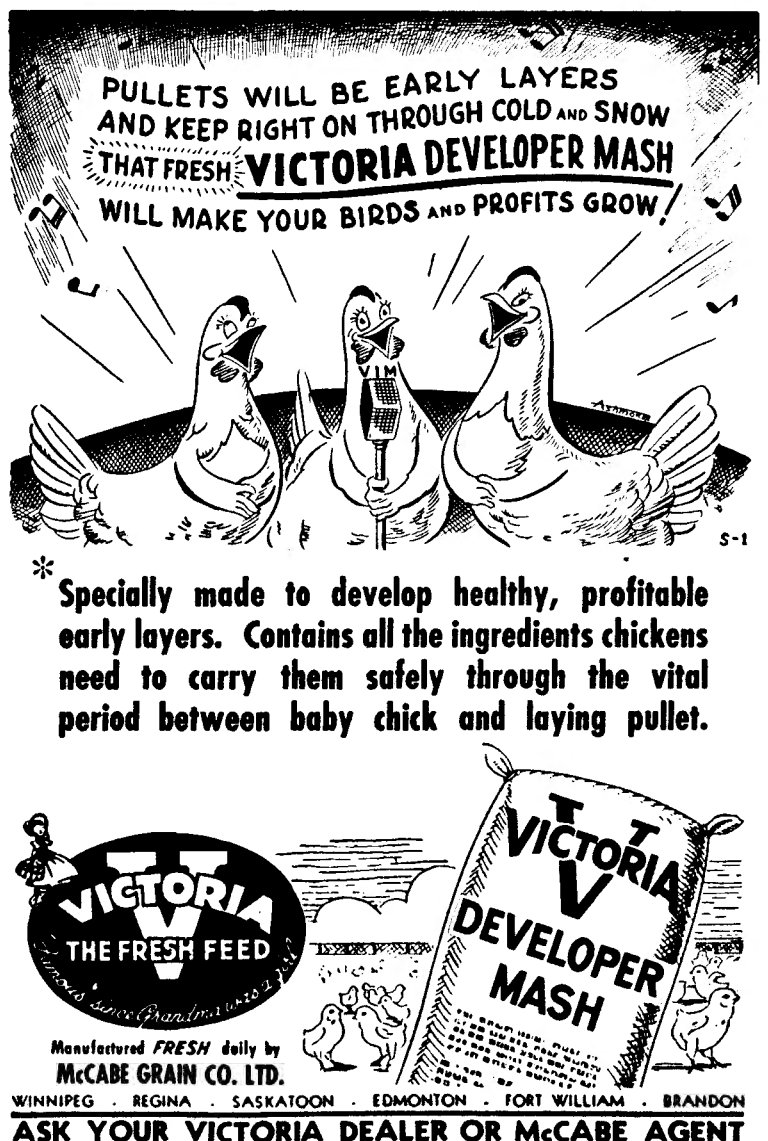
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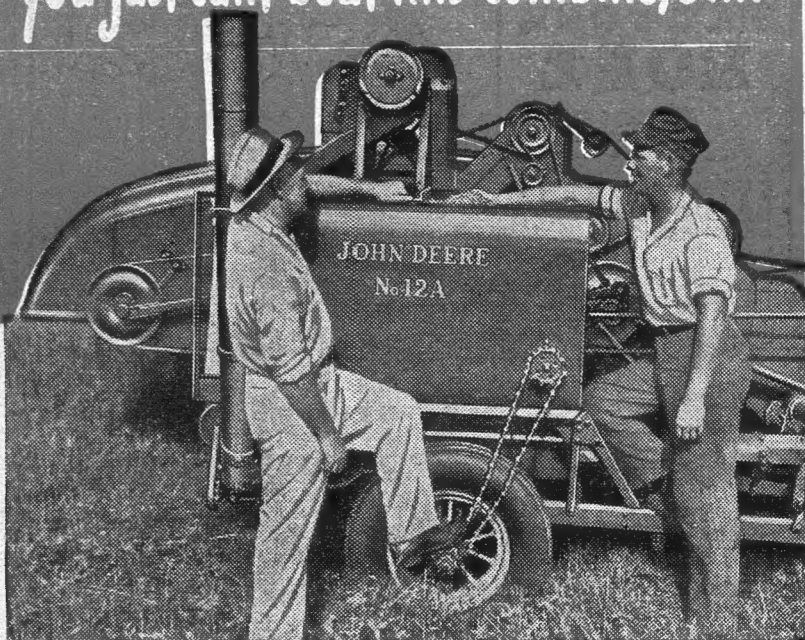
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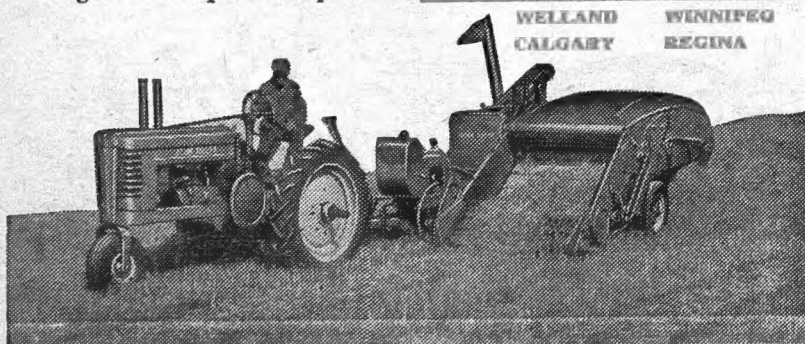
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# Indians Could Be Good Farmers

By JOHN LAURIE  
Secretary, The Indian Association  
Alberta

**S**TATISTICS are grand—as long as one does not break them down into specific figures. Then, the conclusions are often very different. The gross returns accruing to the Treaty Indians of Alberta in any single year are an imposing sum but the Indian Association of Alberta, with membership in all save two of the Alberta Agencies, maintains that any general conclusions drawn from statistical reports are entirely misleading.

For instance, an article in the March issue of the FARM AND RANCH REVIEW, and a reasonably sympathetic article it is, mentions the fact that Mr. Three Persons of the Blood Reserve received \$13,000 from sale of cattle in 1946. But there are more than 300 other families on this Reserve. Therefore, one family received more than 12% of the gross \$101,100 and some 300 families divided 87%. Again, many cattlemen on that reserve had to dispose of their herds because of the early winter with its excessive snowfall. Again approximately 11% of the population of that reserve are subsisting on the rations of beans, rice, flour and cold-storage elk meat or "bone" beef that is issued to destitute Indians. Actually these rations have a cash value of about \$4 monthly, and does the aged and destitute Indian receive the Old Age Pension? He does not.

With reference to the Stoney tribe at Morley, several interesting and pertinent facts have not been generally publicized. The 10,000 acres of

good ranch land acquired for them have been purchased by an interesting bit of finance. A loan of a half-million was secured on their behalf. Out of their recently adjusted rentals from the power sites on the Bow River, about \$18,000 per annum, the sum of \$15,000 annually, in perpetuity, has been pledged. And so the Indians will never really own the land they once gave up with the understanding that "it is your privilege to hunt all over the prairies" (Lieut.-Governor Laird, third day, negotiations at Blackfoot Crossing, 1877).

**T**HE article states that one of the greatest objectives of the Indian Affairs Branch is to do away with any paternalism on its part and to encourage the Indians to accept responsibility and regain their self reliance.

Let us examine this in the cold light of fact. We may refer to the estimated 10 million feet of timber belonging to the Peigans, referred to later in the article. The Peigans wish to start lumbering operations for themselves. They wish to provide employment for a number of their own Band who otherwise must go out in search of work. They propose to hire "key men" to operate the mill until some of themselves could learn to do so. Thus all revenue of the lumber project would be kept within the reserve and all profits might go to their Trust Fund.

What encouragement did they receive? They were asked to surrender this valuable timber, this prospective employment to white operators. These operators would of course pay stumpage to the Trust Fund but—wages and profits would go to the white operator and his white employees. Thus, as has too often happened, the assets of the Indians would in the main benefit some white man. Yet the Meno-

(Continued on page 24)

## Case Presented at Ottawa

**S**INCE he wrote the accompanying article for the FARM AND RANCH REVIEW, Mr. Laurie, who is a Calgary school-teacher, visited Ottawa with a delegation of representatives of several Alberta tribes to place before a joint parliamentary committee on Indian affairs the recommendations of the tribesmen for amendments to the Indian Act of 1927.

Spokesmen for the delegates were Cree Chief John Callihoo, Villeneuve, president of the Indian Association of Alberta; Chief Teddy Yellowfly of the Blackfeet, Gleichen; Chief Bob Crow of the Peigans, Brocket; and George H. Gooderham, provincial inspector of Indian agencies, Calgary. Others who acted as advisers were Ed. Hunter, Morley, Stoneys; Chief Frank Cardinal, High Prairie, Crees; Albert Lightning, Hobbema, Crees; Cecil Tallow, Cardston, Bloods; Mark Steinhauer, Saddle Lake, Crees; Chief Joe Bull Shield, Cardston, Bloods; James Gladstone, Cardston, Bloods, and Chief David Crowchild, Sarcee.

The delegates presented to the committee a lengthy document which, in brief, recommended:

1—Reaffirmation of "expressed or implied" rights and privileges in treaties;  
2—Preservation of treaty rights "for eternity";

3—Continued protection for Reserve Indians from land, produce and income taxes;

4—Cessation of any government efforts toward enfranchisement;

5—Refusal of new leases on Reserve lands to white people except where approved by a majority of the band members;

6—Increase of the per capita residential schools grant to \$300 (now \$165);

7—Extensive housing and public health programs;

8—A campaign to "combat the existing prejudice against the Indian people";

9—Appointment of a Royal Commission to investigate Indian education;

10—Abolition of part-time labor done by Indian children in schools;

11—Appointment of more Indians to the Indian Affairs branch.

The association stated emphatically that it "does not favor the enfranchisement of Indians in Canada" and regarded this as a "trap to lead treaty Indians astray." Indians granted the right to vote must surrender their treaty rights under the Federal Indian Act.

The organization did, however, "recognize the necessity of eventually assuming the responsibilities and duties of citizenship."

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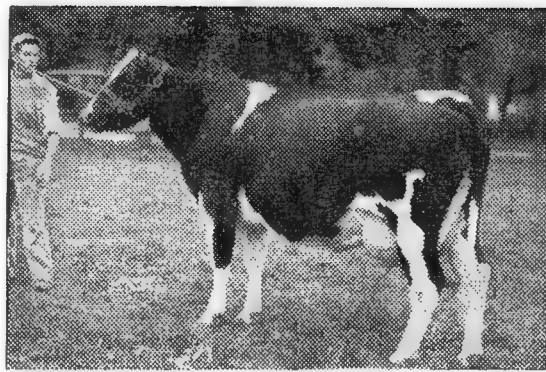
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### HOLDS NEW WORLD'S RECORD

Here is the Holstein cow, O.H.H. Abbeckerk Darkness, which has recently set a world's record for yearly production of butterfat over all ages and breeds. Owned by the Ontario Hospital, Hamilton, Ont., she produced on twice-a-day milking a total of 25,711 lbs. milk, containing 1,139 lbs. butterfat, average test, 4.43 per cent. This is also a record for milk production in the four-year-old class on twice-a-day milking.

## SASKATCHEWAN CATTLEMEN NAME OFFICERS FOR 1947

LIONEL Stilborn of Lemberg was elected president of the Saskatchewan Shorthorn Club for 1947 at the annual meeting held in Regina. He succeeds E. A. James of Semans. J. G. Wilkinson is vice-president, W. A. Small of Craven is secretary-treasurer, and directors for the year include Mr. James; W. Harrison, Dafoe; W. Johnson, Beattie; S. Fulton, Prince Albert; Hans Martin, Melville; Bert Lewis, Vandura; John Brandt, Edenwold; J. T. Clark, Inchkeith; R. Williams, Melville; A. Fodel, Beattie; S. K. Berry, Lashburn; F. Richardson, Semans; D. Wotherspoon, Melville; Dr. R. H. Chant, Foam Lake; W. Fulton, Lumsden; C. N. Sinclair, Silton; and W. H. Cross, Kincaid.

Dr. A. G. Hopkinson and A. Wilson were named honorary president and vice-president. J. W. Durno, who is retiring as western fieldman, gave an encouraging account of the growing popularity of the breed in Saskatchewan. A presentation was made to Mr. Durno by the assembled breeders, and also to Mr. James and Mr. Wilkinson by their fellow members of the Saskatchewan Cattle Breeders' Association.

At the annual meeting of the Aberdeen-Angus Club, R. M. Beattie of Kinistino was elected president, succeeding H. Morrell of Edgeley. W. H. Edwards of Oakshella was named vice-president, Mrs. Harold Morrell of Qu'Appelle, secretary, and Francis Beattie, Kinistino; Ronald Garbutt, Belbeck, and Elton Dick, Abernethy, directors. Plans are being made for an Angus field day to be held during the coming summer.

Hereford breeders at their annual meeting elected E. R. Felske of Simpson as president, succeeding Walter Olsen, Arcola. Cecil Palmer of Marsden was named vice-president, and directors include Mr. Olsen, J. A. Baskie, Whitewood; J. O. Hagerty, Keystone; M. Craig, North Battleford; W. Wilson, Silton, and T. J. Reid, Moosomin. Maurice Hartnett, deputy minister of agriculture for the province, was the principal speaker at the meeting.

"Thumps" often show up at this time of year when the pigs are less than two weeks old. This condition is a form of anemia and one treatment is to place a square foot of clean sod daily in the pen with the sow and the pigs. The sod furnishes the small amounts of iron and copper which are needed to combat this condition.

## ALBERTA YORKS SENT TO CHINA

A shipment of 90 head of well-bred young Yorkshire breeding stock was made from Calgary early in April to China where their distribution will be handled by UNRRA with the object of improving the quality of Chinese pigs.

Included in the consignment were 75 gilts and 15 boars selected from the herds of the following breeders in the province:

Alex Webster & Son, Airdrie, 7 boars, 10 gilts; W. N. Ferguson, Springbank, 11 gilts; J. M. Henderson, Red Deer, 11 gilts; A. C. B. Grenville, Morrin, 6 boars, 4 gilts; H. J. Ferguson, N. Edmonton, 1 boar, 10 gilts; P. J. Rock & Sons, Drumheller, 2 boars, 4 gilts; J. F. Cameron, R. R. 2, Edmonton, 10 gilts; Lord Rodney, Fort Saskatchewan, 6 gilts; S. W. Sheppard, Edmonton, 1 boar, 4 gilts; Peter Taylor, R.R. 5, Edmonton, 5 gilts; Henry Ash, R.R. 4, Edmonton, 4 gilts; J. R. Clarke, R.R. 4, Edmonton, 2 gilts.

Arrangements for the shipment were made and the animals assembled by C. C. Matthews with the co-operation of Dominion livestock officials.

## CALF CLUBS PLAN SHOW AND SALE

Plans are being made for the annual show and sale by Central Alberta Calf Clubs to be held at Lacombe on Saturday, June 14. Seven calf clubs will enter animals in the show including one purebred breeding club from Innisfail. At least 200 calves are expected to be offered for sale by the club members following the show.

A new feature will be the showing of four "pen-of-five" groups by senior club members. Clubs participating will be from Delburne, Innisfail, Lacombe, Markerville, Ponoka, Rimbey, Wetaskiwin and the purebred breeding club entry from Innisfail district.

## DON'T WANT SNAILS

Queensland (Australia) farmers and agricultural authorities are on the lookout to prevent the introduction of giant snails into the mainland from the adjacent island of New Guinea where they have over-run a large area. These snails were originally taken to New Guinea by the Japanese who used them as food.

## Breeders' Notes

Among buyers at the recent Huck-holme dispersal sale at Brampton, Ont., were J. W. Hosford and G. M. Gibb of South Edmonton.

Mr. Hosford paid \$700 for Oak Crest Sorrita Star Pabst, a six-months-old daughter of the noted Abegweit Iron Duke.

Mr. Gibb purchased an "Iron Duke" daughter, Armford Rag Apple Duchess. She is four months old and was purchased for \$525.

Top price was \$8,000 paid by the Oxford County Holstein Club for a 10-months-old son of the noted Montvic Rag Apple Sovereign. The 28 head of purebred Holsteins brought an average of \$1,131.

Chas. C. Matthews early in April accompanied a shipment of 47 head of young Aberdeen-Angus bulls and 40 heifers from his Highland Stock Farm, Calgary, to Harding, Montana, where they had been purchased by John and Marcus Snyder and Julian B. Mastin who operate large ranch properties in that area. Marcus Snyder carried off second and fourth prizes for carload lots of steers at the Chicago International in 1946, all the animals in his entry having been sired by bulls purchased earlier from Mr. Matthews.

T. P. Devlin, secretary of the Canadian Clydesdale Association, was honored by a presentation made during the Brandon Winter Fair in recognition of his service to the breeders across the Dominion. Also honored were two pioneer Percheron breeders, C. D. Roberts of St. James, and J. H. Crowe, Gilbert Plains. Both were given life memberships in the Manitoba Percheron Club.

Alex Rankin of Killarney was re-elected president of the Manitoba Hereford Club at the annual meeting held in Brandon. Also returned to office was the full slate of directors: Watson Dunn, Russell; W. T. Cann, Cromer; R. V. Robson, Deleau; Stanley Cox, Beresford; A. G. Forster, Carman, and R. M. Smith, Brandon. William Whetter of Dand was named vice-president and John Connor of Winnipeg will continue as secretary-treasurer.



**SHORTHORN FIELDMAN**

The Canadian Shorthorn Association has announced the appointment of Frank E. Wolff, B.S.A., (above) as fieldman. With headquarters in Saskatoon, his activities will be largely devoted to the interest of the breed in Western Canada. In his new post Mr. Wolff succeeds J. W. Durno of Calgary who has been western representative for the last 17 years.

The top price of \$25,000 for a bull at the recent 8th annual Hereford sale at Sulphur, Okla., was paid by E. B. Shawver, Wichita, Kansas. George Rodanz, well-known Toronto breeder paid \$23,000 for the second highest priced animal to add to his Ontario herd.

Max Hendricks of Pullman, Washington, recently purchased four good Yorkshire gilts from W. H. Ferguson, Springbank, Alta. They were sired by the champion boar which was sold by Alex Webster & Sons, Airdrie, for \$600.

Entries will close May 29 for the Drumheller district calf club show to be held May 30, and more than 150 entries already have been listed with District Agriculturist N. F. Bell. A purebred Hereford heifer has been donated by T. Usher & Son of Scollard to the exhibitor of the grand champion calf.

Directors of the Alberta Shorthorn Association and neighborhood stockmen recently honored J. W. Durno at dinner at the farm home of A. J. Hadden, Okotoks. Mr. Durno retires at the end of the month from his position as Western fieldman of the breed organization.

Sun Dance Fay's Vietta, owned by Capt. R. G. May, Calgary, was the leading two-year-old Jersey on twice-a-day milking on R.O.P. test in March. She produced 9,527 lbs. milk and 537 lbs. fat, with the average test of 5.64 per cent. Majority of the leaders in other groups were from Ontario and B.C. herds.

Dwight Ellis of Hubalta was re-elected president of the Alberta Percheron Club at the annual meeting held in Calgary April 1. Other officers elected were: First vice-president, Charles C. Matthews, Calgary; secretary-treasurer, Hardy E. Salter, Calgary. Directors: L. O. Crockett, Mayerthorpe; R. O. Sykes, Bears-paw; Professor J. P. Sackville, Edmonton; Joseph Ollernshaw, Ogden; R. J. Widney, Okotoks; Fred Magera, Willingdon; A. J. Gregory, Calgary; R. Arbuckle, Airdrie; Carl Hanson, Brightview, and W. S. Charlton, Carstairs.

Prof. Sackville and Dr. P. R. Talbot, provincial veterinarian, addressed the meeting.

Among animals scoring high as Guernsey class leaders in February were individuals in the herds of C. Roberts & Son, Chilliwack, B.C.; R. W. Hornby, Armstrong, B.C., and Sunnymede Dairy Farm, Milner, B.C.

### Gallinger's Annual Auction on May 13

The third annual sale of registered Shorthorn bulls from the Killearn Farms operated by Claude Gallinger of Edmonton, will be held at the Edmonton Exhibition grounds, at 1 p.m. on May 13.

Thirty-one head of young bulls will be offered for sale, sired by imported Norseman, Killearn Max 5th, Killearn Norseman and Killearn Monarch 34th. In previous sales, Mr. Gallinger set a record for the highest over-all average ever recorded at a private auction sale in Canada.

### LESS FEED — BUT MORE FAT TO SELL

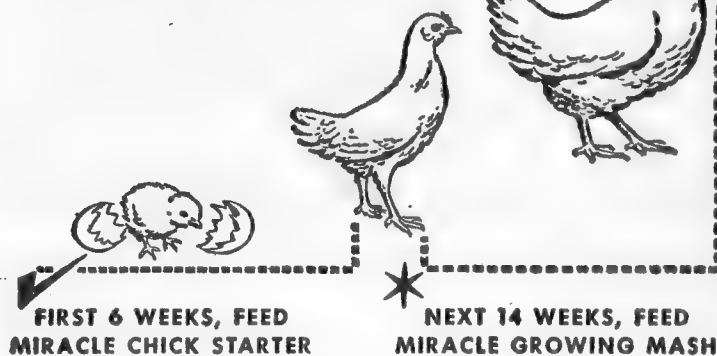
No matter where you sell your milk or cream, you are paid according to the butter fat in it. Jerseys are admittedly the most economical producers of butter fat. Get the facts—write to O. C. EVANS, Chilliwack, B.C. (Western fieldman), or



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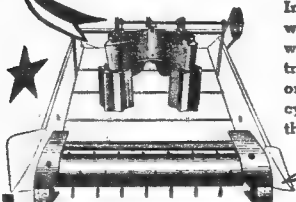


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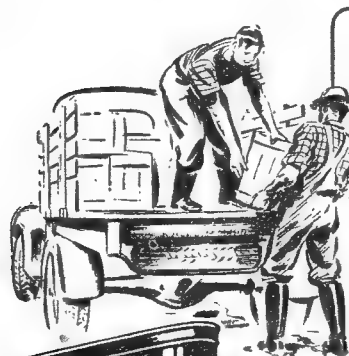
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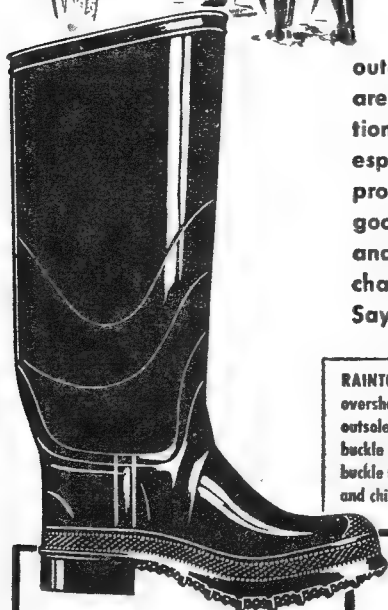
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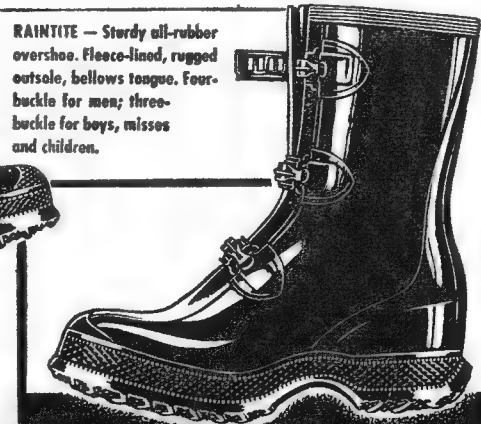
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DOMINION RUBBER COMPANY LIMITED

## Edmonton Fat Stock Show Sets New Price Records

By SPECIAL CORRESPONDENT

THE Edmonton Spring Livestock Show made history and rolled up proceeds of \$250,000, mainly from the fat stock show which broke all Canadian records for the quality and number of beef among the entries. The week included a successful show and sale of purebred swine, sale of registered female cattle and a show of purebred bulls when more than usual were sold.

"Amazing" was the word frequently heard at the auction of finished beef where independent abattoirs from Calgary and Saskatoon had ordered buyers to take advantage of the removal of ceiling prices on meat cut from carcasses bearing recognized show tags, and bidding was unconfined, with the big packers getting their share.

When 80 cents a pound was paid for the "gold medal" steer of the show, which had been the champion of the children's calf section, former records of one dollar were not shattered. Nor when 50 cents for the reserve grand, a heavy white-faced steer, meant \$675, but when animals in pens began to sell at prices that netted more than \$500 on a steer, it was "marvellous" to many producers.

Calves in the top prize classes had averaged more than \$26 but the amazement grew when single commercial cattle sold up to \$35 cwt. The groups sold to a top of \$30.50 and the lots of fifteen all the way from \$19.50 upward to the carlot peak of \$26.50. Once again at Edmonton, pens of heavy white-faced steers fed by Alex Mitchell of Lloydminster had led the groups in finish and price (30.50) while his first prize carlot of heavies sold at \$26.00 only to be exceeded among bidders for the last available three carloads of cattle that had not placed in the prize money.

SWINE breeders had some qualms about the demand for bred sows in view of the boost in feed prices having turned many farmers to grain growing. They had entered 161 Yorkshire sows but did not show all. There were 117 sold, however, at an average as good as last year when 52 were sold. Manager C. E. Wilson filled an order from Illinois.

Sows were judged by S. W. Sheppard who awarded the championship to H. F. Rowe of Duffield, the reserve to Lord Rodney. David Cromie of Pickardville paid top price, \$200 for the champion, and the Duffield breeder made the best average return of \$134 for six sows shown and sold. Lord Rodney with the largest lot, averaged \$72. N. J. Shopland of Rochester was another breeder whose average return exceeded the sale average of \$77, as he ran \$82 on six sows. More would have sold and next day buyers were seeking young gilts for carlot exports.

Three beef breeds were represented in the show of registered female cattle. In Aberdeen Angus a calf bred by Starko & Son of Chipman was champion and sold for \$225; T. S. Rackham, Lloydminster showed reserve champion. William Stefura, Chipman, had the champion Shorthorn in a heifer of August, 1945, which sold for \$560; a younger heifer raised by Lyle Robinson, Vermilion, was reserve champion. Earl Plaxton, Wainwright, showed both

champion and reserve Hereford females, the former, a cow that had been bred by H. B. Walker & Son, Heath, topping \$530. Summary of sale of females, giving number, proceeds and averages:

Hereford	19	\$5,815	\$306
Shorthorn	27	6,420	238
Aberdeen Angus	8	1,370	171

FOR the purebred bull show Shorthorns led in numbers as usual, but of 156 entered with 60 head in the 18-30 month class, the greatest proportion, 73, were in the younger ages, a factor that did not jibe with the demand for more mature sires and reflected later in lower prices. Judged by Eric Durno, Calgary, Killearn Norseman 11th, a Gallinger-bred bull, was champion and sold for \$950 — top price of the bull sale — and exact figure the exhibitor paid two years ago for the animal. An Ontario-bred bull was reserve, sold for \$500 but below other Shorthorns. There were 144 bulls of the breed sold for \$233 average, compared with \$294 a year ago.

Prof. J. P. Sackville awarded the championship on Angus bulls to Sandy Lake Mickey 5th, bred by C. Ellett & Sons, S. Edmonton; reserve to one bred by Starko & Sons, Chipman. The champion sold for \$405 and the 20 black bulls averaged \$221, compared with \$189 a year ago.

Milton Real Prince D-7, bred by Rex Saunders, Lacombe, was made champion of the Hereford bull show by John Wilson, Innisfail. It sold for \$850 to A. T. Hines, Marwayne. Reserve, Northway Mixer 9th, bred by Hawkins Bros., Strome, sold for \$650. There had been 80 entered and 70 were sold for an average of \$334, compared with \$340 a year ago. Only 12 were under 18 months while five were over 30. Three Polled Hereford bulls of good type, bred by Earl Moore of Tofield sold for better than the average price.

A subtle factor — what would the extreme prices paid for the fat stock mean for good or ill of the future in cattle, seemed a question in the minds of farmers; perhaps the crest was past — provided an undercurrent among bidders at the auction of bulls. While more moved, 234 head compared with 157 a year ago, the overall average price for pure-bred bulls was less than the bloated prices paid for prize beef. At that the money turned doubled the total of three years ago and the average beat that for 1944 appreciably. The record of the bull sales:

Year	Number	Average	Total
1944	141	\$198.50	\$27,990
1945	152	229.50	34,865
1946	157	290.00	45,545
1947	234	265.35	62,090

### Good Junior Show

About one hundred junior farmers entered the livestock judging competitions at the Edmonton show. Top prizes in the class for junior farmers were won by Frank Rigney of Bon Accord and Bert Shantz of Wetaskiwin. Mavis Armstrong of Rochester was first among the girls and Millicent Eleniak, Tofield, second, while Bill Richards, Red Deer, was best among boys with Derek Stannard, South Edmonton, second among winners.

Young Richards had best fitted dairy calf, winning the Kiwanis shield, while Wendy Speller, South Edmonton, won second with a Holstein, and Lloyd Stannard the showmanship award.

## Sow Brome Grass Separately For Best Stand of Forage

IF you are including brome in the forage crop mixture you intend to sow for hay or pasture, you will find it better to sow the brome separately. Brome and alfalfa should form the basis of most mixtures used in central and northern Alberta but other kinds may be added if desired. Several kinds of forage crops can be mixed to advantage especially if the field is to be used for pasture.

It is difficult to get an even distribution of brome grass if it is mixed with the smaller, heavier seeds of legumes. The best idea is to seed the brome first. If you sow the brome after the legumes there is a danger of disturbing the legume seed already sown and getting it down too deep for satisfactory germination.

Very few grass seeder attachments will sow brome grass seed uniformly — in fact many of them won't handle brome at all. Because of this, brome seed is usually mixed with the grain and sown through the ordinary seeder.

When sowing brome (or any other grass or legume seed) with a grain crop, the rate of seeding for the grain should not be more than one-half the usual rate. Suppose you are sowing a mixture of brome and alfalfa. You will sow the brome first (mixed with grain) through the ordinary seed drill. Let us assume that one bushel of barley and five pounds of brome per acre are to be seeded. Spread ten bushels of barley on a granary

or truck floor; pour fifty pounds of brome grass seed over it, and mix thoroughly with a shovel. This can be repeated until the desired quantity has been mixed. Sack part of the mixture and weigh it for use in setting the drill.

The seed drill should be set for about one-half bushel per acre more than the rate at which the grain is to be seeded. The drill can then be adjusted until the desired rate is obtained. By putting a weighed amount of the seed into the drill after you think it is feeding through at about the proper speed, the rate of seeding can be calculated after an acre or two have been seeded. It is often advisable to go over part of the field a second time when the starting rate is too slow. It is difficult to set a drill exactly as you want it, but with patience, a satisfactory adjustment can be made.

Depth of seeding is one of the most important factors for success with forage crops. Brome grass seed should not be seeded more than one inch, and smaller seeds not more than one-half inch deep. By seeding into firm soil these depths are possible, and it is essential that the soil be firm if a good stand is to be obtained.

If you want to grow a pure stand of brome you will find the procedure outlined quite satisfactory but the rate of seeding in that case should be from ten to twelve pounds of brome to the acre.

## Champion Barley Grown in Manitoba; Contest Will Be Continued This Year

HIS tuition from a father who knows how to farm and experience as a youth when member of a Boys' and Girls' Seed Club, paid off big for George G. Elias, 32-year-old farmer of Haskett, Manitoba. On April 1 at the Manitoba Winter Fair at Brandon he was crowned Canada's Malting Barley King and presented with a \$1,000 cheque as first prize in the National Barley Contest sponsored by the Brewing and Malting Industries. The contest is being continued in 1947.

Entries will close June 15. As was the case last year, intending contestants will mail their entries to the chairman of their provincial committees — in Manitoba, N. C. MacKay, Dept. of Agriculture, Extension Service, Winnipeg; Saskatchewan, to S.

H. Vigor, Field Crops Commissioner, Dept. of Agriculture, Regina; Alberta, A. M. Wilson, Field Crops Commissioner, Dept. of Agriculture, Edmonton.

Subject to slight change, rules and regulations of the Contest are the same as in 1946. Printed copies are already available from elevator operators at all country points in the three western provinces, or from local agricultural representatives.

Two Manitoba farmers, one from Alberta and one from Saskatchewan, placed in the four final interprovincial awards. The winners were: George G. Elias, Haskett, Man. \$1,000; George W. Johnson, Red Deer, Alta. \$500.

Donald Bradley, Portage la Prairie, Man. \$300; John A. Wylie, Norquay, Sask. \$200.

The four winners were picked from 12 finalists, four from each province, each of whom won provincial prizes. Three of them placed first in the regions into which their province was divided for purposes of the contest. Mr. Bradley, third in the finals, was runner-up to Mr. Elias in his region.

The champion's carload entry was picked by the judges as the plumpest, purest, best-colored sample of malting barley in the contest. Except for a small lot reserved for exhibition purposes at the Brandon Fair the whole carload is on its way to Albania, sold through UNRRA and shipped from Winkler, February 22.

The single carload has netted Mr. Elias \$4,060, made up of \$2,500 received from its sale; \$1,000 for having won the national championship; \$400 for the Manitoba championship; and \$160 for his regional championship.



GEORGE G. ELIAS

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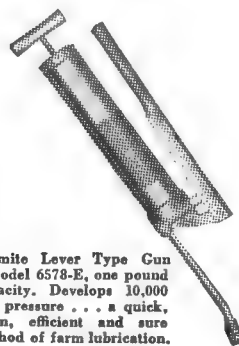
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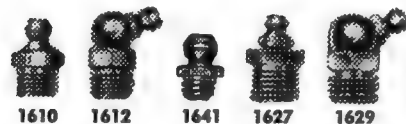


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## Editorials by PRACTICAL OBSERVERS

**YOUR** views on the West's position in the proposal to increase railway freight-rates suit me, as fair and equitable — though I live east of the Lakehead.

About a dozen years back, 1934 if I remember accurately, one of the nation's top-flight rail authorities (Sir Edward Beatty) told the annual meeting of C.P.R. shareholders that "The prosperity of this company depends upon the prosperity of agriculture, and, therefore, of Western Canada — from which territory about 60 per cent of its freight revenues are normally derived."

### Freight Revenue East vs. West

As recently as March 26, 1947, I observed the following item in the (Canadian Press) news: "The C.P.R. filed, at the request of the provinces, an exhibit showing the comparative gross and net earnings on lines east and west of Fort William for the last 10 years. This showed that, for 1946, estimated gross earnings on eastern lines were \$142,933,000, compared with \$145,821,000 in the west. At the same time, the estimates for net earnings were \$5,492,000 and \$14,823,000 for east and west, respectively. (The C.P.R.'s railway mileage in the west is approximately double that east of Fort William.)"

It will be observed that while east and west divided the freight revenue gross about on a fifty-fifty basis, slightly over 70 per cent of the "net" revenue accrued from the western lines.

In view of the fact that just 32 out of every 100 Canadians live west of Fort William, obviously the west is still carrying the load?

— Walter P. Davisson, Toronto.

**IF** Western farmers realized how every weed that is left to grow in their grain crops was lowering their yields and depriving them of that \$1.55 per bushel, as well as depriving the starving millions of the staff of life, they would take more pains to stop their growth.

### Fighting Weeds Spring and Fall

### Welfare Charges

(Continued from page 5)

order or even an outside witness. No such casual procedure is tolerated, she pointed out, in Alberta in the transfer of property or in the registration of purebred swine or cattle. COMMENTING on Dr. Whitton's charges, Dr. W. W. Cross, Alberta minister of health and welfare, was quoted as saying, "We have not a particle of respect for her ability whatever . . . she is just a human talking machine . . . all she has ever done is talk . . . she has never had any responsibility for child welfare administration."

Promptly promising to produce evidence supporting all her charges, Dr. Whitton replied, "Certainly Dr. Cross and Mr. Hill (superintendent of the child welfare branch) will try to deny the facts. Let them disprove them . . . it's going to be pretty hard to smother the passport records of Canada and the consular visas of the United States."

by two very inexpensive methods.

At seeding time, which should not start until the first crop of weeds has germinated, pull a rod weeder behind the grain drill, set so the rod is carried just under the surface, so as to allow all the new growth to roll over the rod with the surface lumps and trash, and just above the seed bed, they could successfully eliminate the first crop of weeds and give the crop a chance to get a start ahead of the next crop which may germinate later, by its shade, and with ordinary rainfall almost eliminate the menace.

The rods will do the same job as the packers or press drills which are so largely used to hasten germination, but will not do the harmful job of transplanting so many millions of weeds to rob the crop of its moisture, and to produce another crop of weeds to reseed their land for the next season's crop, and the rods do not require any more power to draw them along in the loose soil near the surface than is required to draw a packer or press drill.

Then at harvest time if they would keep a good bag with no holes in it to let the tiny weed seed out when handling them, under the recleaner on their combines, to make sure of catching every one of those little robbers and remove the bags from the field and destroy them they could soon almost eliminate the weed problem with no cost except care in the handling of the seeding and harvesting of their crops.

If any farmer has a combine which has not a recleaner on it, one can easily be supplied by using ordinary mosquito wire for the grain to pass over, and a hole for the small seeds to fall through where the bag can be hung to catch the seeds.—W. D. Trego, 330 - 2nd Ave. E., Calgary.

**FARMERS** see no reason why the people who live in towns shouldn't enjoy all the daylight they wish, but they differ from them in the method they would use to obtain the extra time.

### Daylight Saving On the Farm

One sensible suggestion from a farmer is that the Red Deer and other town stores open and close an hour earlier during the summer months. Instead of opening at 9:30 a.m. and closing at 6 p.m., as some of them do now, they might consider opening at 8:30 a.m. and closing at 5 p.m. This wouldn't interfere with school hours, or children going to bed, would give the people who work in stores and offices an extra hour in the evening and wouldn't mean any change in clocks or any confusion. There may be other good ways to fit in the ideas of both country and town, but it is reasonably certain that any attempt to impose daylight saving time in rural Alberta this or any other summer, would be opposed almost solidly by the farm people and by many of their friends in the towns and villages.—Red Deer Advocate.

The Anglican Church in Canada suffered the loss of two of its outstanding leaders during the past month in the death in Toronto of Most Rev. Derwyn T. Owen, Archbishop of Toronto and Primate of all Canada, and the death in Vancouver of Rev. Walter Archibald Geddes, Bishop of the Yukon.

## MANY FACTORS DETERMINE BEST RATE TO SEED GRAINS

SEVERAL factors influence the rates of seeding of cereal grains on the prairies. Among the most important are amount and distribution of rainfall, summer heat, hot winds and soil type. This means that each farm has its own set of conditions, depending considerably on its location.

Experiments carried on at the Dominion Experimental Station, Scott, Sask., over the last thirteen years, on rates of seeding wheat, oats and barley on both summerfallow and stubble indicate the following rates of seeding to be the most satisfactory over a period of years in this area:

**WHEAT**—On summerfallow: commercial fertilizer used, 1 - 1½ bushels per acre; no fertilizer used, 1 - 1½ bushels per acre.

On stubble: ¾ - 1 bushel per acre.

**OATS**—On summerfallow: 1½ - 2 bushels per acre; 1½ - 2½ bushels per acre.

On stubble: 1½ - 2 bushels per acre.

**BARLEY**—On summerfallow: 1 - 1½ bushels per acre; 2 - 3 bushels per acre.

On stubble: 1 - 1½ bushels per acre.

The lower rates appear to be more satisfactory when the moisture supply is low and on the lighter textured soils. Heavier rates would appear to be advisable under the following conditions: abundant moisture reserves, heavier type soils, the presence of wireworms, seed of low germination, weed infestation, and danger of early fall frosts. In the case of early frosts heavier rates of seeding tend to hasten maturity, especially when combined with the use of commercial fertilizer.

As a general rule, when commercial fertilizers are used, increased stooling takes place permitting the use of less seed per acre. The lighter rates appear to be more suitable for seeding on stubble land where, as a rule, there is less moisture reserve than on summerfallow.

Early seeding of flax will give the crop a chance to get ahead of the weeds.

## Creeping Red Fescue Useful Pasture Crop

CREEPING red fescue is likely to prove a valuable pasture crop in Alberta, according to J. E. Birdsall, provincial supervisor of crop improvement. With its profusion of fine, creeping roots which crowd the upper six inches of soil, this grass may play as important a part in adding fibre to the soils in moist areas of Alberta as does crested wheat grass in drier districts.

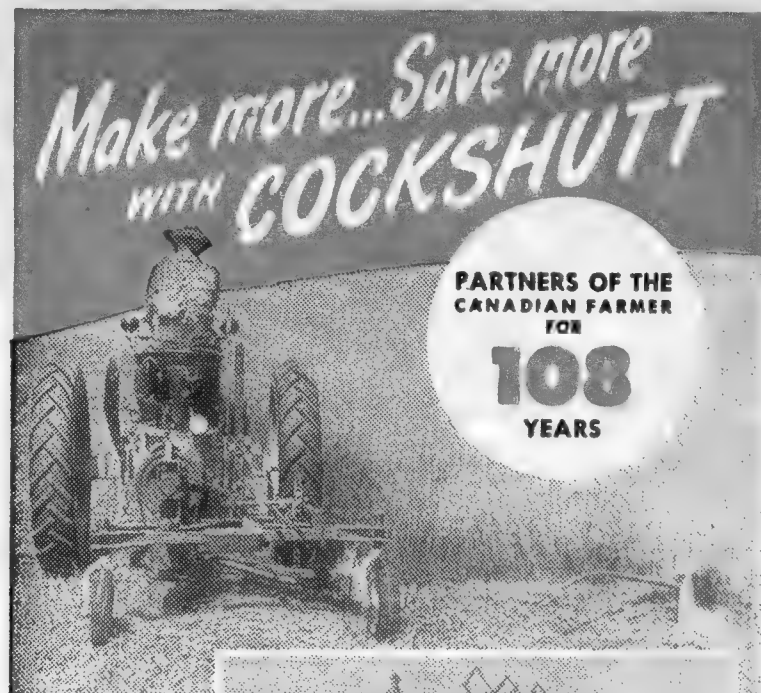
It is not a particularly good hay grass because of its low growth, but small quantities are useful when seeded in a hay mixture in order to add fibre to the soil. In pasture mixtures, however, it can be expected to gain in popularity, especially when seed production increases to the point where the seed will be cheaper. The Olds School of Agriculture played a prominent part in introducing creeping red fescue to Alberta.

## SPACE VEGETABLES TO AVOID FROST

Most vegetables divide themselves into three main planting groups. In the first are the hardy sorts. These are planted just as soon as the soil can be prepared, regardless of the weather ahead. They will stand a little frost, and for best results they must make their first growth while the weather is still cool and wet. In this class are peas, the first onions, carrots and beets, radish, spinach and lettuce.

Next are the semi-hardy things like potatoes, the first corn, beans and cabbage. These will stand cool weather but very little frost. At the end of the line are very tender plants that can stand no frost at all, such as melons, cucumbers, tomatoes, pumpkins. There is no object in planting these until both soil and air are warm.

Planting a couple of rows of sunflowers now will provide valuable shade for poultry during the hot summer months.



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## Controlling Roup In Turkeys

By ROY E. STOKES

**R**OUPE can be disastrous in the turkey flock. If it strikes poultz up to eight weeks old, losses can be heavy. Among older birds it causes poor fattening, possible death and a very disagreeable appearance. Yet roup can be controlled.

At least we feel it can be controlled. We have had it appear among our flock on several occasions. The result on one of these was a heavy loss. The poultz were young and we were inexperienced.

The disease is nothing more than a common cold. It strikes the weakest birds first and can go through the entire flock. It might be possible for a flock to become infected from ranging on ground that was used as a run for roup birds the year before, but we are inclined to disagree. This of course is no excuse for leaving dirty litter about or ranging birds on old ground if new ground can be had and when dirty litter can be raked up and taken away.

Keeping premises clean is our first preventative. Feeding everything in hoppers to avoid food from being picked off the ground and eliminating as far as possible external conditions that might tend toward roup.

**W**EATHER is a big factor in starting roup in turkeys, as it is with colds among people. The roup condition develops in the head of the bird and since there are no natural drainage passages for the mucus to escape it gathers in the hollow of the head back of the nostril and appears as a swelling which in extreme cases makes it impossible for the bird to see to pick its food.

Keeping poultz off the cold damp ground and away from drafts during the changeable spring weather is important. If poultz are with hens, ranging must not be permitted during the early morning when grass is wet. We have had very good results by hatching poultz in an incubator and raising them in a brooder. The brooder assures a constant temperature, free from drafts and dampness. Turkeys can stand a lot of heat when young. In early spring warm weather is neither constant nor of sufficient strength to keep poultz from becoming chilled.

If birds do become affected with the disease we paint the nostrils with a solution of 5% iodine as soon as clogging of the passage is noted. This is a decided aid in keeping the nostril open.

Separating those with the disease is desirable but not always possible. If birds are well along toward maturity and in good condition separation doesn't seem necessary, as really healthy birds do not contract it easily. We have found quite often that the roup turkey is the weak turkey.

Once a decided swelling has appeared on the bird we hang it up by the legs and open the swollen part with a sharp penknife. Hanging the bird up is not a necessity but it does facilitate draining the pocket as the mucus thereby runs forward in a pocket and drainage can be effected with little or no bleeding. When the bird is in standing position the mucus sac drains into the interior of the mouth when pressure is put upon it in opening. This means that the

proper point of opening is difficult to determine and injury can result.

Only a short slit is required for drainage. Once all the mucus is expelled from the sac a small piece of bluestone is inserted in the opening. This should be the size of a wheat kernel and its purpose is to eat out future accumulation of pus. It serves this purpose very effectively and rarely is it necessary to perform the operation a second time.

We have treated birds during the later part of September that had badly swollen heads. At killing time in December the only evidence that they ever had roup was a small white scar on either side of the head. There was no difference whatever in body finish.

...

## Geese are Easily Raised on Farm

**T**HE raising of a flock of geese on the farm can be made a profitable undertaking because geese are comparatively inexpensive to feed and are almost immune to diseases common to other barnyard fowl. They require only cheap houses and the cheapest feed the farm produces. Where there is plenty of grassland, breeding geese will get along nicely from early spring to late in the fall with little grain feeding. Geese are grass eaters and will leave grain in the feeding trough to pluck the tender grass when it is available.

During the winter months, when there is snow on the ground and the supply of fresh green feed is not available, the geese should be supplied with a handful of mixed grain each day and as much well cured alfalfa or clover hay as they will consume. If the hay is cut green and well cured, they will eat both the leaves and stalks. They prefer the leaves, and an attempt should be made to provide them with as much of this as they require.

They will eat leaves of lettuce, cabbage, potato peelings, turnips, carrots or almost any green vegetable. When this green feed is fed, it should be supplied fairly liberally and the grain ration restricted accordingly. Grain may consist of oats, barley and wheat of equal parts, and the best time to feed it is early in the evening.

About three weeks before the females are wanted to lay, a wet mash should be fed twice daily and the grain fed as before. This change in feeding practice should commence just as soon as the weather starts to get mild and laying will commence in about three weeks' time.

Geese should be mated one male to two or three females, and this should be done quite early in the spring.

Goose eggs should be hatched either by the goose or by barnyard hens as they do not hatch well in incubators. Goslings are easily raised, require very little attention and a gosling once hatched and properly started is usually another goose in the fall. The farm is the natural habitat of the goose; in fact no other surroundings can make goose raising for market a paying proposition.

...

Keeping an all-pullet flock will help to eliminate the disease problems often connected with keeping old hens for laying.

## Plant Pasture For Poultry

COMPARATIVELY few farmers realize the value of good poultry pasture. Animal and vegetable protein feeds have been in short supply for a considerable time and indications are that this situation will continue for several years. Fish meal, a very important protein supplement in the poultry diet, is practically unobtainable by the average farmer. Feed manufacturers can obtain it only in sufficient quantities to add a little to the feeds where it will prove of most value.

C. W. Traves, Alberta Poultry Commissioner, says that many farmers fail to realize that pasture, especially alfalfa pasture, is the cheapest and the most efficient source of protein feeds available for poultry. Good pasture supplies the proteins, minerals and vitamins so essential to efficient brooding and rearing of healthy birds. Where grass or grass mixtures are used for poultry pasture they should be mowed often to promote fresh tender growth. Coarse pasture is of little or no value.

Alfalfa, besides supplying the proteins, minerals, and vitamins in maximum quantities has a health value superior to anything, including fish oils, that we can give our poultry. Alfalfa does exceptionally well in practically every part of Alberta. A three-year rotation of alfalfa should be practiced. Plow, cultivate, and seed the first year. Pasture and cut the surplus for hay the second year.

Crop for hay the third year and plow in late in the fall.

If this three-year rotation is practiced and the alfalfa not allowed to grow beyond the initial blossom stage before being cut for hay, three to four hundred birds can be pastured per acre. The hay cut during the pasturing period and during the third year is invaluable as a protein, vitamin, mineral, and general conditioner for the laying and breeding flocks. Where good pasture is available the mash hoppers should be kept closed from 9 a.m. to 4 p.m. each day, resulting in a great saving in feed and better pullets for the laying pens. Alfalfa hay of good quality is especially important in keeping laying and breeding flocks in good condition and health.

## To Keep Eggs Clean

Cleaning eggs is not a substitute for clean eggs. No type of cleaning can do a satisfactory job on stained or very dirty eggs. Any type of cleaning removes to some extent the protective coating of the shell and hastens deterioration of quality. The surface of an egg is slightly moist when it is laid. Clean nest material is the only way to prevent staining.

In the laying house no dirty litter should be allowed, and frequent collection of eggs avoids dirt caused by birds walking over or soiling other eggs already in the nest. The point is to keep eggs clean and avoid the necessity and labor in cleaning them. Canada has attained a notable reputation on the British market for clean eggs.

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## Good Use Made Of Farm Loans

NEARLY \$10,000,000 was loaned to Canadian farmers under the farm improvement loans act in 1946, the government reported today.

Finance Minister Abbott tabled in the Commons a report of the first full year of operation of a measure designed primarily to assist the average farmer who "in the past has not al-

ways been able to obtain bank credit" to improve his property.

The report showed that 13,030 farmers, more than 10,000 of them in the three prairie provinces, obtained loans valued at \$9,880,565 last year and that no banks had made any claims on the government to recover losses.

Loans are made through the 3,100 branches of the chartered banks for the improvement and development of living conditions on farms. The interest rate is five per cent simple in-

terest per annum, and loans may be made for periods up to 10 years.

Farm implements and farm trucks accounted for \$7,488,347 of loans made during 1946.

Included in the total amount were loans to 1,008 farmers to clear and break an estimated 50,000 acres of new land, mostly in the pioneer sections of Western Canada. Loans for foundation and breeding stock accounted for 303 loans totalling \$190,937.

One of the most important classes of loans was that for the construction, alteration and repair of farm buildings, including farm dwellings and separate houses for farm help. As the supply of material and labor becomes more adequate, it was expected that loans for these purposes would be greatly expanded.

This table breaks down the number of loans and their amounts by provinces:

	Number	Amount
Alberta	4,798	\$3,388,115
Saskatchewan	4,075	3,140,157
Manitoba	1,928	1,397,539
Ontario	1,443	1,369,371
B.C.	467	343,706
Quebec	193	146,639
Nova Scotia	76	55,617
New Brunswick	42	34,541
P.E.I.	8	4,880
Total	13,030	\$9,880,565

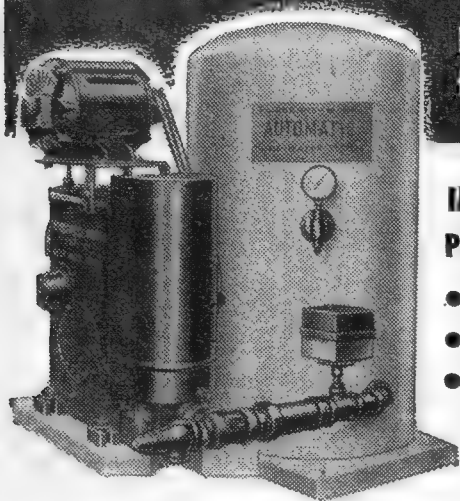


### IN SASKATCHEWAN POST

Dr. Ray P. Waechter, V.S., D.V.M., above, has been appointed provincial veterinarian with the Saskatchewan department of agriculture. At 26, he has the distinction of being the youngest provincial or state veterinarian ever to be appointed in Canada or the United States. A graduate of the Ontario Veterinary College, he has recently been western medical representative of Ayerst, McKenna and Harrison, Montreal biological chemists.

Feeding good, heavy oats after the chicks are about a month old will help to stop picking.

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- V-Belt Drive

THE unique design of the pump unit on F-M Deep Well Systems makes them much more economical to run. Instead of doing all the work on the upstroke of the piston rod, this pump divides the load. Water is lifted on the upstroke, and is forced into the pressure tank on the downstroke. This balancing of the work cuts down the power requirements, and draws current more evenly, putting less strain on the motor.

### NO STUFFING BOX

is used. In its place is an open-topped cylinder, a temporary reservoir, which is filled on the upstroke. On the downstroke, a plunger in this cylinder forces the water into the pressure tank. Tested first with a stuffing box, and then with this cylinder, on one model, the power used dropped from 720 watts to 560 watts, a saving of 22%. No repacking is required.

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## PRICE RECORDS MARKED UP AT REGINA SPRING SHOW

**H**IGH standards of quality and price were set at the 39th annual sale of the Saskatchewan Cattle Breeders' Association held in Regina when 243 bulls and 59 females of the three beef breeds passed through the ring. Topping the breeds were Herefords, 136 bulls averaging \$451.65, about \$160 above last year's figure. Grand and reserve championships in the showing went to Alex Mitchell, Lloydminster. The champion, Wyoming Domino 31, sold for \$1,700, highest price of the sale, to Alf Watson of Govan, while the reserve winner, carrying the same breeding, went to A. Slade of Tompkins at \$1,100.

Lionel Stilborn of Lemberg carried off champion honors for both bulls and females in the Shorthorn ring. His bull, Pleasantdale Freebooter, brought highest price for the breed, going to Ed. Hume & Sons, Carlyle, at \$1,000. The high-priced female was sold by Sunrise Farms, Melville, to Henry Krueger of Deveron for \$900. In all, 86 Shorthorn bulls brought an average of \$398.14 or \$116 more than the 1946 figure, and 31 females averaged \$333.39 as against an average of \$245.97 last year for 62 head.

### H. E. Salter Heads Alberta Horsemen



Hardy E. Salter, of Calgary, secretary of the Canadian Percheron Association, was elected president of the Alberta Horse Breeders' Association at the annual meeting held in Calgary early in April. T. P. Brown was named first vice-president, James Thomson, Midnapore, second vice-president and J. Charles Yule was re-appointed secretary treasurer.

The following board of directors also was appointed, representing the Alberta Light Horse Association, T. P. Brown, W. Earle Robertson and Eddie Bowlen; Western Riding Club, W. E. Renard; Alberta Thoroughbred Association, Clem Gardner, Pirmez Creek, F. M. Holden, Midnapore, Maxwell Smith and L. O. Chambers, both of Calgary.

Heavy Horse division, Percherons, Hardy E. Salter, Dwight Ellis, Hubalta, Joseph Ollernshaw, Ogden, Charles C. Matthews, Calgary. Clydesdales, James Thomson, Robert Haining, Olds, William Moodie, DeWinton, and Alex Ingram, Midnapore.

In the Aberdeen Angus section of the sale 21 bulls brought an average of \$385.71, an improvement of \$50 over last year's figure. Grand champion award went to R. M. Beattie & Sons, Kinistino, for Angus Inn Rev Thickset, later purchased by C. A. Griffin, Moosomin, for \$600. Highest price for a black was \$660 paid for the reserve champion entered by Harold Teece, Lemberg. Five Angus females averaged \$329, highest price being \$600 paid by Neil McDougall of Vandora to C. C. Argue for a fine senior yearling heifer.

Morrell & Sons of Edgeley showed the Angus steer which topped the price list in the fat stock section of the show, going to Eaton's at \$1.25 a pound and the shorthorn reserve entry of Mrs. Edward Clark, Inchkeith sold for 75 cents a pound.

Jackie Small of the Craven baby beef club showed the grand champion entry in this division, the reserve award going to W. Wagner of the same club. Valley View, Earl Grey, Kisbey, Longlaketon and Arcola clubs also were well represented. The champion animal sold for 35 cents a pound and the reserve for 22½. There were 170 boys' and girls' baby beef clubs in Saskatchewan last season with a total membership of 2,032 and the 2,198 calves raised by members had a value of \$255,680.

An outstanding feature of this spring's event was the bred sow sale, a total of 55 animals being sold for an average of \$94.05, indicating a considerably revived interest in the swine industry in the province. The grand champion was shown by G. F. Short of Stony Beach and sold to J. W. Atcheson, Regina for \$175, high price of the sale, while J. F. Schneider of Wolseley paid \$135 to Chas. Harlton & Sons, Belle Plaine, for the reserve champion. J. W. Clark of Inchkeith captured all the first and second places in the swine carcass classes and took champion and reserve awards. Eaton's purchased the champion carcass at 39 cents a pound, all the entries averaging about 25 cents.

### Farm Freezer Unit Gives Good Service

**A**N eight-cubic-foot electrical freezing unit was installed last July by Canadian Utilities Ltd. on the Roy Wacker farm at Swallow, Alta. The object was to find how such a freezer would fit in with farm women's food management and what size would be most satisfactory.

It is believed that this freezer would be best used in conjunction with a community cold storage locker if large quantities of meat are to be frozen, but that it would process and store sufficient fruits and vegetables for the average family. Cost of the unit is \$300 to \$500. A test meter showed that average cost of electricity for this unit was about \$1 per month from August through December. Year-round average cost probably would be even lower.

"The fryers I put in last July are certainly a treat at this time of year," Mrs. Wacker reported recently, "We can't tell them from newly-killed birds. Peas, spinach, plums, peaches, cherries and blueberries are excellent in flavor and freshness. Pork, lard and beef are in first-class condition."

## FOR BETTER FARM INCOMES and BETTER FARM LIVING

### NEW DE LAVAL PRODUCTS



New De Laval

#### Magnetic Speedway Milker

De Laval engineered for still better, faster, cleaner De Laval milking. New stainless steel unit... new Pulso-Pump with metered lubrication... and other new features!



New

#### De Laval Sterling Milker

Another new postwar De Laval Milker for still better milking performance. New from stainless steel units to pump. Compare it with other pneumatic pulsator type milkers!



New

#### De Laval Portable Milker

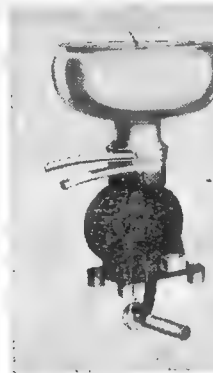
The new De Laval Milker of many profitable uses! Streamlined and handy—single or double Sterling units. Can be converted to pipe line milker when and if desired. Try it.



New De Laval World's

#### Standard Series Separator

Cleanest skimming, easiest-to-clean separators ever built. Every part milk touches is stainless steel—bowls, supply cans and covers with open spouts. Three sizes.



De Laval

#### Junior Separator

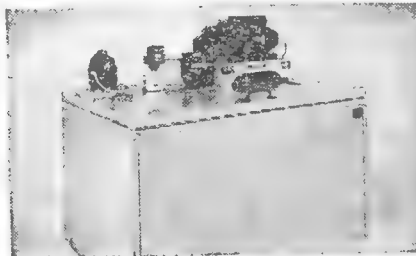
Ideal for the smaller herd owner. Provide De Laval clean skimming and easy cleaning at lowest cost. Produce high quality butterfat and earn more. Made in four sizes.



New De Laval

#### Speedway Water Heater

De Laval engineered for the dairyman. Supplies 12 full gallons of 185° water safely, dependably and at low cost. A "must" for proper sterilization.



De Laval  
Milk Cooler

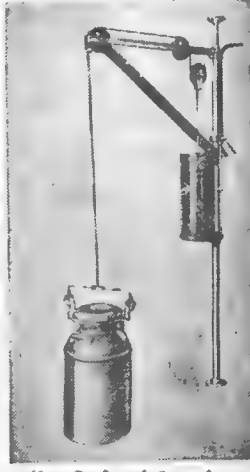
Motor-driven Circulator Agitator. All milk in all cans uniformly cooled. Milk cooled to 50° in approximately one hour. Exclusive type cooling coil leaves tank clear. No defrosting necessary. Self-contained—ready for operation.



New De Laval

#### Speedway Milking Truck

Complete with strip cup and four pails for hot water, clean udder towels, chlorine solution and used towels for most effective use of your fast milking routine.



New De Laval Speedway  
Vacuum Can Hoist

Takes the work out of loading and unloading the milk cooler. Operates on 15 inches of vacuum supplied by milker pump.

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BETTER CIGARETTES  
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**B**EHIND the activity on this progressive farm stand the banking services and helpful financing of The Canadian Bank of Commerce. *You*, too, may need a new tractor, a combine or other farm machinery or equipment to develop *your* farm.

- Other Farm Improvement Loans For:—**
- Purchasing Livestock
  - Constructing or Repairing Buildings
  - Modernizing Farm Homes
  - Improving Fencing and Drainage
  - Installing Electric Power
  - Clearing and Breaking Land for Farming

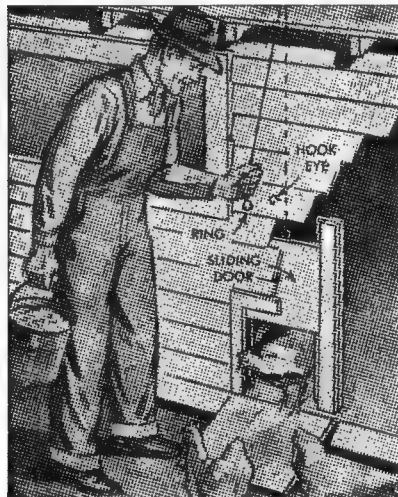
Investigate the many advantages you have under the Farm Improvement Loan plan. Come in and discuss *your* financial needs with our local Manager.

## THE CANADIAN BANK OF COMMERCE

## Handy Devices

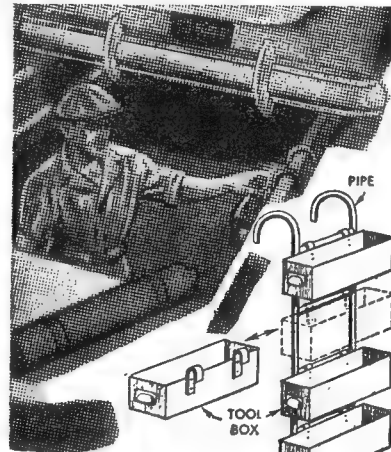
By Courtesy of the Popular Mechanics Magazine.

### SLIDING DOOR ON POULTRY HOUSE OPERATED FROM OUTSIDE



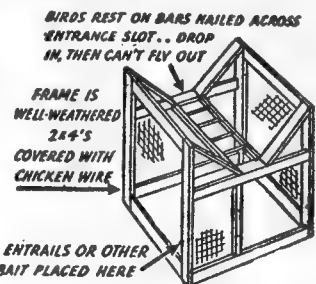
**S**AVING many steps, this sliding door may be fitted easily on any poultry house. Just cut an opening of the desired size, screw two slides in place on the inside of the house and fit with a board to serve as a door that will drop down freely and cover the opening. A small rope attached to the door by means of a screw eye runs through a second screw eye in the ceiling or roof boards and then down the outside of the building where it terminates in a ring. The latter slips into a hook eye on the side of the building to hold the door in an opened position.

### MULTIPLE TOOL RACK HANGS FROM EDGE OF GREASING PIT



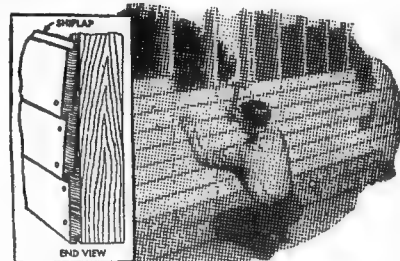
**H**ERE'S a simple device that can do a big job around the filling station or garage greasing pit. Flat-iron hooks are bolted to three or four tool boxes which hang on the frame of the unit. The latter is of welded construction with curved ends to hook over the edge of the pit.

### HOME-MADE TRAP FOR BIRD PESTS



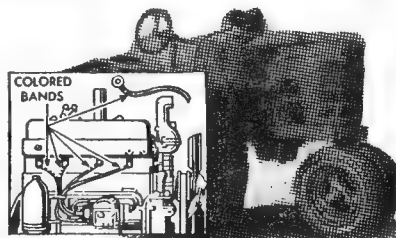
**A** WILDLIFE club in Idaho is promoting use of this simple magpie, crow and blackbird trap. Entrance slot at bottom of V formed by the two wings at top is made just the right width (4 inches for magpies) so birds can drop in from crossbars—but not fly out. Birds fluttering inside trap attract others. Trap is 6 feet square with entrance slot 3 feet above ground.

### SHIPLAP USED FOR SIDING



**I**F bevel siding isn't available when you want to make a garage or small service building, shiplap can be used as a substitute. The method of nailing it to the studs is indicated in the left-hand detail, one nail being driven through half the lap in each board. When shiplap is to be used as siding for a house, it must be nailed over sheathing.

### COLOR BANDS HELPS IDENTIFY IGNITION CABLES



**W**HEN several ignition cables have been removed from the spark plugs on a tractor, it is always a problem to reconnect them. One farmer identified the cables by painting colored bands around them. One band was for the plug nearest the radiator, two bands indicated the second plug and so on. Then any number of cables could be removed without wasting time tagging them.

### Safety Glass for Automobiles, Any Make of Car

THE BENNETT GLASS CO. LTD.

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24th Ave. and 3rd Street S.E., CALGARY, ALBERTA

## URGES SPEEDING GRAIN DELIVERY

George McIvor, chairman of the Canadian Wheat Board issued an appeal to farmers in mid-April to deliver as much of their wheat as possible as soon as road conditions permitted. Deliveries in April and May were important, he declared, rather than in June and July.

"If the cars are spotted, as we expect", he said, "we will need this extra wheat within a few weeks to keep up the rail movement and to rush the wheat forward to needy people overseas."

The railways, he pointed out, faced the task of moving 180 million bushels of grain from country elevators in the next 110 days. This includes grain in country elevators and that which producers will deliver before the end of the crop year. The supply of cars in the West had improved, he said, and the final drive to move the remainder of the 1946 crop could succeed only if the board and the railways were given full co-operation by producers.

...

## June Card Survey Estimates Production

The Agricultural Division of the Dominion Bureau of Statistics, in co-operation with the Department of Agriculture in each province, is again sending to the farmers of Canada the annual June survey card. The card requests information on crop acreages and livestock numbers, and the information will be used as a base for estimating acreages sown and numbers of livestock on farms throughout the nation. The accuracy of the agricultural estimate issued by the Bureau will depend on the number of farmers who provide the information requested, and it is of vital importance that every farmer in the nation co-operate with the Bureau by completing his card accurately and returning it immediately.

Some farmers hesitate to give information to the Bureau of Statistics on the operations of their own farms, because they fear that the information so provided will be used against them for taxation purposes. There is absolutely no reason for such fear, and the information given by farmers to the Bureau has no connection whatsoever with taxation. The farmer is protected by law against misuse of his returns, and his individual return is seen only by workers in the Dominion and provincial agricultural statistical offices. The statistical offices give out to the public and to other government offices only estimates of total and heavy penalties are provided by law against the release of individual returns of farmers.

...

## PLANE SEEDS ENGLISH WHEAT

T. W. Tompkins, who farms 6,000 acres in Northamptonshire, England, spent a day recently shovelling wheat out of a low-flying twin-engined airplane. Speeding back and forth over 50 acres of his autumn-plowed land, Tompkins was trying to beat the weather's holdup of farming operations by sowing his wheat crop from the air. "We shall rely on the air spreading the wheat evenly over the land as we push it through the bottom of the plane," he said. "We cannot get on the land because it is too wet."



A hundred years ago most grain was sown broadcast by hand from a bag carried around the neck. Mechanical drills were developed between 1830 and 1850 and force-feed drills after 1850.

# MAKING FARM TASKS EASIER

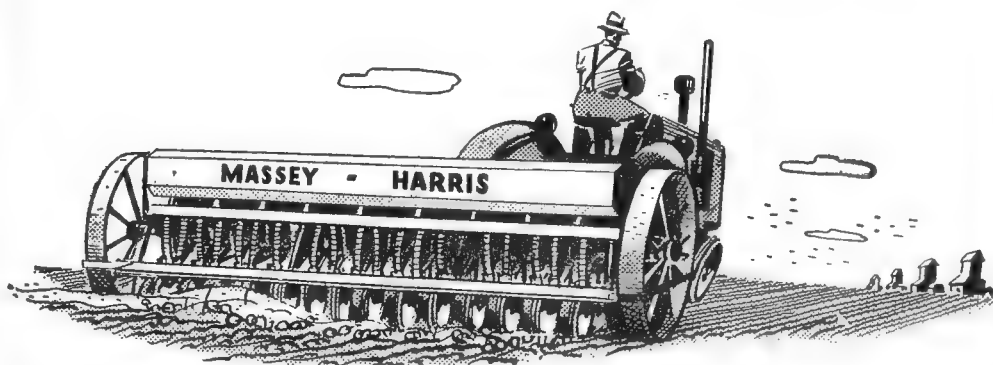
UNTIL AFTER 1847 seed was sown by hand, as the farmer walked back and forth across his field "broadcasting" the grain from a cotton bag tied around his neck. Then in the space of a few decades came the development of the reaper, mower, horse-rake, seed-drill, binder and other implements, and finally the advanced machinery used in power farming today.

During its 100-year history, the Massey-Harris Company has witnessed—and been a part of—this amazing development in farm machinery, a development which has completely revolutionized farming methods. A hundred years ago the farmer, in long hours of back-breaking labour, raised just about

enough to feed himself and his family. With the help of modern implements his production today has been multiplied many times over. His costs have been reduced. Most of the heavy hand labour has been eliminated.

Farming has made vast strides in the West. The expansion of grain production in Western Canada was made possible in very large measure by the development of machinery suitable to large scale production.

On our 100th Anniversary we salute the Canadian farmer for his ability to take advantage of modern farm machinery in maintaining large scale production of urgently needed agricultural products.



### Massey-Harris No. 306 Drill

This easy-working drill saves power. Enclosed gear drive runs in oil. Grain runs are designed to assure accurate and positive sowing. New constant height power lift gives full clearance at all times.



**Roofs and Eavestroughs Wear Years Longer with**

**IMPERIAL ROOF PUTTY FLUX...**

► This liquid asphalt has many uses on the farm. Easy to apply, it coats your roofs and eavestroughs with a hard, tough, weather-proof surface that is fire-resistant. Cracks are filled, rust and leaks prevented. Imperial Roof Putty Flux has unusual filling, sealing and coating qualities that protect surfaces, prolong life, and save on repairs. Here are some of its many uses:

- Protects metal and felt roofs and eavestroughs.
- Preserves bases of granaries and granary skids.
- Waterproofs troughs and cisterns.
- Preserves fence posts and well cribbing.
- Caulks window frames.
- Waterproofs cement foundations.

**IMPERIAL OIL LIMITED**

Farm Division

## Indians Could Be Good Farmers

(Continued from page 10)

minee tribe in the United States have for some years profitably operated a similar project for and by themselves.

**D**AIRYING on Indian reserves is worth a comment. The locals of the Indian Association of Alberta report that, at Hobbema only 48 families have one or more milch cows. Winterburn reports that 11 families have one or more milch cows. This does not sound like dairying on much of a scale.

With regard to hogs, Winterburn reports none raised for market; Hobbema reports six families, while Saddle Lake reports one family as raising hogs for market and 14 families as possessing one or more milch cows. One Indian at Morley shipped cream for some time, and one at the Blood Reserve had a milk business for some time.

Few Indian farms have sufficient machinery and equipment to operate as units. The following reserves report none: Sucker Creek, Sarcee, Kehewin's, Driftpile, Paul's, Alexis, Alexander, Saddle Lake, and Winterburn. These report one each, Samson's (Hobbema), Frog Lake; Michel's reports 2 and Ermineskin 10. The Bloods report 7.

Whatever the policy may be, theoretically, towards individual farms, it has failed completely. The Indian Association maintains that since no Indian may legally dispose of any produce without written permit from his farm instructor, nor directly receive the proceeds, few Indians are encouraged to equip a farm. These permits are issued at regular times, and the farmer must call for his money at regular times, regardless of his need, unless the officials at his reserve consent to do him a favor by expediting his business.

And these farm instructors unfortunately too often are neither farmers nor instructors, but appointees by the Minister of Mines and Resources. Thus, however efficient or well educated the Indian farmer may be, he is subject to one man's opinion or whim, as the case may be.

**M**OST farming is done by Band-owned machinery going from farm to farm — quite a system with the vagaries of Alberta weather.

Young men starting out in life are handicapped by lack of assets; loans are said to be available but they are available to those who have security. The young Indian has not got it.

**Housing?** The average home is a one-roomed log building, about 18 x 20, without ceiling; or foundation, rough single floors, and inhabited by 7 persons of all ages and both sexes.

Is it generally known that welfare (rations) costs are charged back to the revenue from the Trust Funds of the Indians? Is it generally known that the doctor visits a reserve one-half day a week? Let us always be sick on Wednesdays or Thursdays as the case may be. Hobbema with a population of some 1,300 and perhaps a floating population of 300 more, has no hospital on the reserve and the reserves of the Edmonton Agency are inaccessible in bad weather except to teams and wagons. If adequate funds were supplied to Dr. Stone, Medical Superintendent, he would speedily change all this.

As for the Family Allowance, the grants are paid only for July and August to those children who are of school age and are attending the residential schools — really the only schools available. Neither does the residential school receive the Family Allowances for its pupils. It receives instead about 56 cents a day per pupil and has to pay all expenses out of this. Charity must make up the necessary deficit.

When decent provision is made to operate the Indian Affairs Branch, there is hope of progress. That day is not yet in evidence according to this year's estimates; they are about 50% of what is needed urgently. Few officials of the Indian Affairs Branch at Ottawa have lived, slept and eaten in Indian homes. What do they know of Indians who only Agencies know?

Many of the field men, inspectors, agents and farm instructors, are sincere men, but they are junior officials with limited powers. Some of the Ottawa officials are sincere men, too, handicapped by being a branch of the complicated Department of Mines and Resources, and a branch at that which has small interest from a political point of view.

If the present Joint Committee of the Senate and the House of Commons, take their problem sincerely, they will see that they pilot through the House of Commons, a reorganization that will not create more jobs for more white men but will restore to the Indian the right to make decisions of his own.

...

## Changes Announced In Quotas on Grain

All delivery quotas are now removed and Western Canadian farmers now may deliver all the grain they wish to market, at any delivery point where space is available, it was announced by the Wheat Board early in April. Entries must still be made in the producer's permit book covering all deliveries of wheat, oats and barley, and if the delivery is made at a point other than the one specified in the permit book it must be recorded thus in the book and the elevator agent must initial the entry.

Trade Minister J. A. MacKinnon also announced in the House of Commons that until further notice seasonal delivery quotas necessary for wheat and other grains will be based on seeded acreage instead of the authorized acreage system adopted in 1941. The change will facilitate administration of the system.

"Because it is not the intention of the government to finally limit wheat deliveries, it has been thought advisable to use a seeded acreage basis in 1947-48," the minister said.

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**TIRES**

We are now overstocked in good, used, Trade-in Tires with high treads—all guaranteed to be in excellent shape. Special price:

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All orders shipped C.O.D. from Ontario's most modern equipped tire shop. Also full line of retreads. Dealers wanted.

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 Corner Queen and York Sts.,  
 HAMILTON, ONTARIO

## for the farm library

**PLANNING AND PLANTING FIELD SHELTERBELTS** — publication 785, Farmers' Bulletin 139 — available free from Dominion Department of Agriculture, Ottawa. The author is John Walker, superintendent, forest nursery station, Indian Head, Sask., who is well qualified to outline the benefits, preparation and care of a field shelterbelt.

**HERBACEOUS PERENNIALS FOR CANADIAN GARDENS** — publication 784, Farmers' Bulletin 138 — another recent release of the Dominion Department of Agriculture, Ottawa. This 91-page booklet contains instructions on the arrangement, care and cultivation of decorative perennials. Hundreds of plants are identified by common and Latin names and briefly described. A list of perennials is recommended for various sections of Canada.

**FRAMEWORKING FRUIT TREES** — publication 781, Farmers' Bulletin 136 — distributed free by Dominion Department of Agriculture, Ottawa. By R. J. Hilton, Dominion Experimental Station, Kentville, N.S. Framework is the practice of grafting or budding in such a way that most of the original framework of the tree is retained.

Framework, in contrast to "top-working" or "top grafting", entails removal of so little of the original top that the shock to the root system is no greater than that of a heavy pruning. There is still time, before grafting work commences this spring, to obtain a copy of this 27-page booklet. It will be useful to anyone who has a number of fruit trees to framework.

**STRIPS AND CURVES** — available from local Case dealers or direct from J. I. Case Co., Racine, Wisconsin, U.S.A. Deals with control of wind and water erosion, conservation of moisture for crop use and, hence, stabilization of the income from dry farming.

**FOODS FOR THE FAMILY** — In 14 pages, this booklet gives some helpful guides for planning meals and cooking various foods. It is available from the Dominion Department of Agriculture, Ottawa. Other free food booklets available from the Department include "Meat", "Cereals and Their Uses", "Poultry Guide", "Eggs", "Cheese Dishes" and "Sugar Savers".

**CANADIAN NATIONAL RECORD FOR SWINE**, Vol. 56, 1945 — listing Yorkshires, Berkshires, Tamworths, Chester Whites, Hampshires, Duroc Jerseys and Large Blacks. Published by the Canadian Swine Breeders' Association and available from Canadian National Live Stock Records, Ottawa.

**FOR BEEKEEPERS** — A timely bulletin on the care of package bees is now available. Prepared by W. G. le Maître, Provincial Apiarist, this publication deals with care of bees in the package, preparation and protection of the hive, feeding the colony, examining the hives, introduction of the queen, and other information which beekeepers will find invaluable at this time. Bulletin No. 77, "Care of Package Bees in Alberta" may be obtained from district agriculturists or from the extension service of the Alberta Department of Agriculture.

**HOW TO MAKE AN IMPLEMENT HITCH** — A semi-technical study prepared by Caterpillar Tractor Co. which explains and illustrates field-proved methods of increasing tractor efficiency by the use of multiple hitches. Farmers may obtain a copy of the booklet by writing the com-

pany, Peoria, 8, Illinois, giving their farm acreage and asking for form 9996.

**THE TRUTH ABOUT FLAX** — A clear and detailed explanation of the best methods of raising this crop, of which a large acreage will be grown in the West this year. This publication is available free by writing the National Barley and Linseed Flax Committee, 206 Grain Exchange Building Winnipeg.

...

### Important Pointers Listed for Dairymen

Of interest and value to dairymen is the revised Dairy Barn Sheet, No. 3, prepared by Professor J. E. Bowstead of the Department of Animal Science, University of Alberta.

Included in its volume of condensed information are sections of feeding charts and the proper feeding of cows for efficient production; suggested mixtures of feed grains and commercial feeds; mineral feeding requirements; an outlined breeding, feeding and selection program for maximum profits; recommended treatment for common diseases of dairy cattle; feeding schedules and pointers on raising dairy calves; a gestation table for cows, and an outline of measures necessary for the production of milk and cream of highest quality.


A copy of this sheet, which may be posted in the dairy barn, may be obtained by writing the Department of Extension, University of Alberta, or the Extension Service of the Department of Agriculture, Edmonton.

...

A consignment of seven Canadian purebred registered Southdown rams was recently shipped to New Zealand. On arrival there the rams were sold by auction at an average price of about \$510.

**STOP**  
COSTLY CHICK LOSSES BY  
BUILDING RESISTANCE TO

**BLOODY COCCIDIOSIS**



WITH  
**Pratt's**  
**C-KA-GENE**

Over the past seven years it has been used by thousands of poultrymen throughout the North American Continent. There is no longer any doubt of its ability to prevent heavy losses and severe set back from Bloody Coccidiosis.

**PRATT FOOD COMPANY  
OF CANADA LTD.**

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*"That flywheel momentum is big news to us farmers"*

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# NEW HAMMER MILL

## 1/3 FASTER

### TO CUT COST OF GRINDING GRAIN ROUGHAGE AND SOFT CORN TOO"

**H**ERE'S an amazing Hammer Mill—built by Harvey and called the Red Hed—which provides a new low cost way to make 4 bushels of feed equal 5 in milk or meat production.

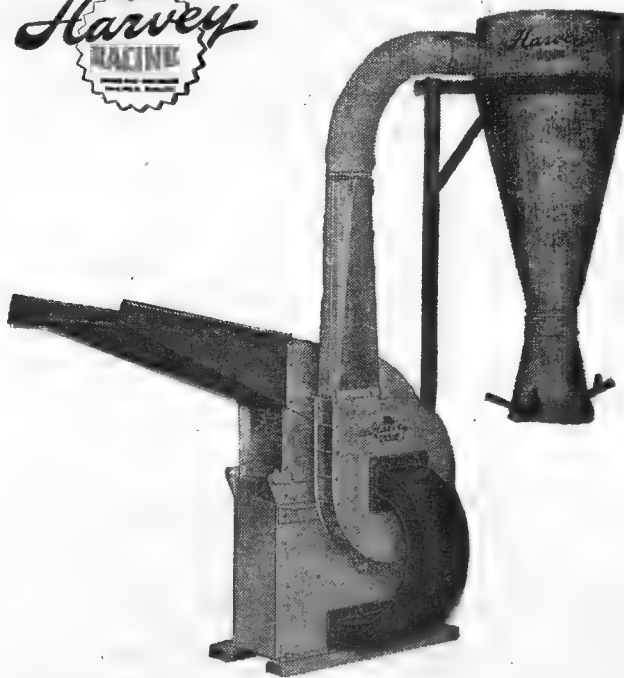
When you see the big grinding cylinder of this great Hammer Mill speed its sturdy swinging hammers at a 3 mile a minute clip, smashing grain or roughage with 80 to 280 twelve-ton blows every second, you'll know that Fly Wheel Momentum is really something! Just a 4, 4½ or 5 inch pulley at the mill does the trick with a Harvey Red Hed Hammer Mill. No wonder the Red Hed is

creating plenty of excitement among farmers!

As rugged and muscle built as a 5 year old prize bull—as smooth and fast running as a track trained pacer... **THAT'S THE HARVEY RED HED HAMMER MILL!**

If more earnings from live stock and dairy products mean something to you, say "Hello" to the Red Hed at your dealer, or mail the coupon below. It costs nothing to find out about this great Harvey Red Hed Hammer Mill and its exciting pal, the Harvey Red Hed Corn Sheller.

*Harvey*  
RACINE



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I am interested in learning how I can earn more money by grinding feed with your Red Hed Hammer Mill. Please send me full facts without obligation.

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Saves you time and money in harvest. See your dealer now.

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Plymouth engineering selects and blends fibres in Plymouth Rope for **GREATER STRENGTH**

Plymouth engineering makes each strand carry its share of the load **EXTRA SAFETY**

Plymouth engineering provides lubrication which reduces internal friction **LONGER WEAR**

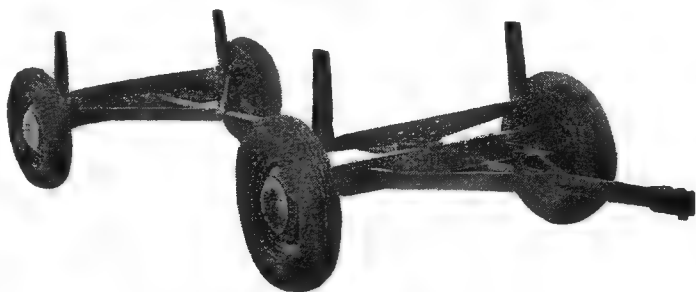
Check your hay fork rope now. If it needs replacing, ask your store for PLYMOUTH HAY FORK ROPE—the hay fork rope that gives you greater strength—extra safety—longer wear. PLYMOUTH CORDAGE COMPANY, Welland, Canada, makers of rope, tying twine, hay baler twine, binder twine.

YOU GET QUICK RESULTS FROM FARM AND RANCH ADS.



## FARM WAGONS

Made to Meet Your Needs—  
by Engineers Who Know  
Your Working Conditions



The "Farmer's Favorite"

— Capacity 5,000 lbs. —

- AVAILABLE WITH OR WITHOUT SPRINGS.
- EQUIPPED WITH STANDARD AUTOMOBILE TIRES.

You'll find that this all steel wagon is just what you've been looking for . . . made to stand the toughest usage — to roll easy with either horse or tractor pull — and to give the most years of service per dollar cost.

See the M. C. I. Farm Wagon at your local dealers or write Equipment Distributors Ltd., Winnipeg, for prices and particulars.

Motor Coach Industries, Ltd., Winnipeg, Man.

## MAY MERGE CO-OP. PACKING CONCERNS

SHAREHOLDERS of Lethbridge Co-operative Packers Ltd., at a meeting on April 15, heard encouraging reports on the progress of plans for the establishment in Lethbridge of a complete meat packing unit. Directors reported they believed progress has been made to a point where building can be commenced. It is proposed to build a plant to cost \$150,000 and about half that sum already has been subscribed. The plant would have a capacity of 20 cattle or 60 hogs or 35 calves or sheep per hour.

It was announced that steps have been taken to merge the Lethbridge project with the Horse Marketing Co-operative which operates plants in Swift Current and Edmonton and which is preparing to enter the hog and cattle killing and packing business. The meeting went on record as favoring co-ordination of various co-operative organizations in Southern Alberta to prevent overlapping of their activities.

The Lethbridge Packers' co-operative has a membership of 556, and election of officers for the coming year will be carried out at a later meeting.

The annual meeting of the Horse processing co-operative at Swift Current was told of plans for the erection of a building for the manufacture of by-products and the installation of research equipment. S. Shields, general secretary of the association, has been in Europe recently negotiating for the sale of additional shipments of horsemeat. About 60,000 surplus horses have been taken off the prairies, the organization now has assets of \$50,700 more than current liabilities, and all indebtedness to the Saskatchewan government is expected to be cleared off shortly.

## Clearing Farms For Servicemen

CO-OPERATION between the Dominion and Alberta governments in the project to settle ex-servicemen on some 225,000 acres of provincial crown land in the vicinity of Wainham in the Peace River district was announced late in April. The federal government, it is reported, will put up \$2,320 for each war veteran settling in the area. Of this, \$1,200 may be spent for equipment and stock, and \$1,120 for improving the property, including breaking the land.

A start on the project was made some time ago, and a considerable acreage has already been cleared by the contractor, O. B. Lassiter. Conditions of settlement include allocation of one-third of the crop for the first seven years to the contractor for clearing the land. Applications for half-section holdings have been filed by about 400 veterans from all parts of Alberta. It is expected that applicants for the first available holdings will be drawn by lot in June, and it is unlikely that any of the new settlers will be able to move on to their land this season. The big tract, it is planned, will accommodate some 700 settlers when the entire area has been cleared.

• • •

## New Industries Start In E.I.D.

A NUMBER of important farming and industrial developments for the Eastern Irrigation District have been announced in recent weeks.

Construction of a plant for the dehydration of alfalfa is planned immediately by a company headed by Duncan Knox, a former Australian air force flier, who was stationed at Medicine Hat in the early days of the war. He married a Calgary girl, who, with their young son, will shortly make their home in Brooks. It is expected that the extensive machinery required for the plant will be available in time for operation this summer. The company plans to process the alfalfa from some 400 acres in the district, and capital expenditure of \$15,000 is involved in the new industry, which will supply meal widely used in the preparation of commercial feeds.

Enlargement also is planned of the alfalfa meal plant in operation at Duchess, with an objective of ultimately using the crop from 2,000 acres. Present capacity is ten tons of alfalfa meal per day and the owners plan to double this. Shipments have been made this year to the Pacific coast and as far east as Ontario.

W. R. Eddington, president of the Alberta Canning Co., has announced that his firm will contract and pack the production of 250 acres of sweet corn this year. The cannery also is contracting for 500 acres of peas for the 1947 pack, a considerable increase over last year, and a substantial addition to the cannery plant is being planned.

• • •

## 2-4-D IN ACTION

Dr. L. E. Kirk, dean of the college of agriculture, University of Saskatchewan, said amazing results were obtained in weed killing on summer-fallow at the university last year. After a light dressing of 2-4-D no one weed had grown in the plot, while a similar neighboring plot had to be hoed four or five times. He estimated the cost for treating summer-fallow in controlling annual weeds at \$1.50 an acre.

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AND THROUGHOUT ALBERTA

## All-Out Effort For Production Still Required

OVERALL sales of Burns & Co. Ltd. and its subsidiaries were down only 5½% in the complete year of the post-war period, according to the annual report issued to shareholders preceding the annual meeting, held April 25.

Actual packinghouse operations showed a decrease of 17% in sales for the past year. That the reduced volume was directly attributable to a decline in hog marketings is evidenced from the statement, which shows that there were 1,220,000 fewer hogs processed through inspected packinghouses in Canada in 1946 compared with the previous year, and 4,500,000 fewer than in 1944. Cattle slaughtered at inspected plants was 8.2% lower compared to the record year of 1945. Export sales of the company in 1946 were \$20,570,800 compared to \$34,585,000 the year before.

"The tragic shortage of foodstuffs in Britain has again brought home to the people of Canada the urgent necessity for an all-out effort on the part of farmers and all others in the livestock industry to increase production so far as possible," said R. J. Dinning, president.

"This company would be failing in its duties if it did not again stress the continuing responsibility of the Canadian producer. Unless these producers come to a fuller realization of the advantages of a long-term British market for our bacon, we shall jeopardize seriously the future of one of the major export outlets now available to this country. So vital is this question that a continuing indifference on the part of Canadian people will react against our national interests for many years to come."

The report indicates that the net profit in 1946, derived from packinghouse operations, was \$234,308, while additional income, including dividends and returns on other investments, totalled \$237,960. Wage increases granted by the company during the year represented an annual payroll advance of approximately \$800,000.

An interesting chart is included in the report, illustrating the distribution of \$100 of income from packinghouse operations. The return to the producer for livestock, produce, etc., was \$81.42, while labor received \$10.03 for wages. The net profit to the company was only 35c.

DEALING with the 1947 outlook, Mr. Dinning pointed out that one of the major problems is the advance in the market over the equivalent beef ceilings, which was a condition that prevailed for the greater part of last year.

"Under normal conditions light marketings of cattle force prices upward and the additional cost of beef can be passed on to the consuming public. Under the present system of price ceilings, however, this cannot be done and the result is inevitably a loss to the packer," said Mr. Dinning.

"Many small slaughterers, however, continue over long periods to dominate the market and buy cattle at prices above the equivalent of beef ceilings, which makes it difficult for the established packer to operate. The packers' facilities, however, are essential to the meat industry. The livestock industry, during the periods of heavy marketings, could not operate efficiently without them.

"Western Canada's livestock production during the year has shown a

drastic decline. The outlook for 1947 shows no material signs of improvement for at least the first nine months, although some increase is looked for in hog production in the last three months. Western farmers will continue to turn more and more to grain growing this year unless some incentive is given to these producers to feed the grain they grow."

In the opinion of Mr. Dinning, the year 1947 will disclose a situation fraught with many problems for producers. He pointed out that agriculturists, facing increasingly high labor and equipment costs, coupled with high tax levies, have drastically lowered production and that this would lead eventually to higher commodity prices to the consumer and increased demands from labor.

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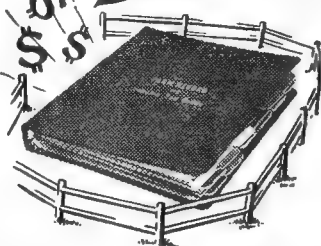
## Pharis Named to Price Support Board

APPOINTMENT of L. E. Pharis of Magrath, Alta. and four other farmers as members of the Agricultural Prices Support Board was announced from Ottawa early in April. Mr. Pharis has been active in the affairs of the Alberta Farmers' Union and his appointment is in line with demands made by the A.F.U. during the strike last fall.

J. G. Taggart, Ottawa, is chairman of the board and the other farmers appointed to the reorganized and enlarged board include George Wright, Borden, Sask., president of the U.F.C., Saskatchewan section, and of the Saskatchewan Federation of Agriculture; E. J. Chambers, past president of the B.C. Federation of Agriculture; Bert B. Warnica, Barrie, Ont., member of the Canadian Beef Council, and Harry Crandlemire, Gordonsville N.B., member of the Potato Council.

The function of the Agricultural Prices Support Board is to advise the government on all matters dealing with the marketing of farm products. Mr. Pharis' nomination to the board was made by both the Alberta Federation of Agriculture and the Alberta Farmers' Union.

## Corral More Dollars



MAKE more money and keep it with this new tool for farmers, the Science-Simplex Farm Record and Income Tax Guide. Solves your Income Tax problems for less than a hat costs. One user writes: "Your tax guide made me over \$100.00." Every possible deduction and exemption listed. Fully endorsed by authorities. Guaranteed simplest, best. Kept constantly up to date. Fits any size or type of farm. Keeps your business private. Sold by druggists and stationers from coast to coast. If dealer can not supply at once, send personal cheque for \$4.50.

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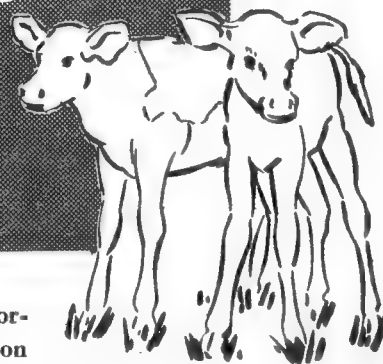
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## Regarding Calf Vaccine



Herd losses through abortions caused by infection are still a serious problem to Dairy Farmers.

Calf Vaccination with live vaccine it is hoped will cut these losses. The theory is that inoculated calves build up in their bodies a resistance to the disease. Thus when they reach breeding age and become pregnant, they resist infection.

This vaccine is comparatively new. We suggest that you ask your agricultural college or experimental farm about results to date. This service is yours for the asking.

Yours for the asking, too, is this Bank's service of money. Our friendly, experienced managers are genuinely anxious to assist responsible farmers with loans for herd improvement or for other purposes that will help you to make farming more profitable.

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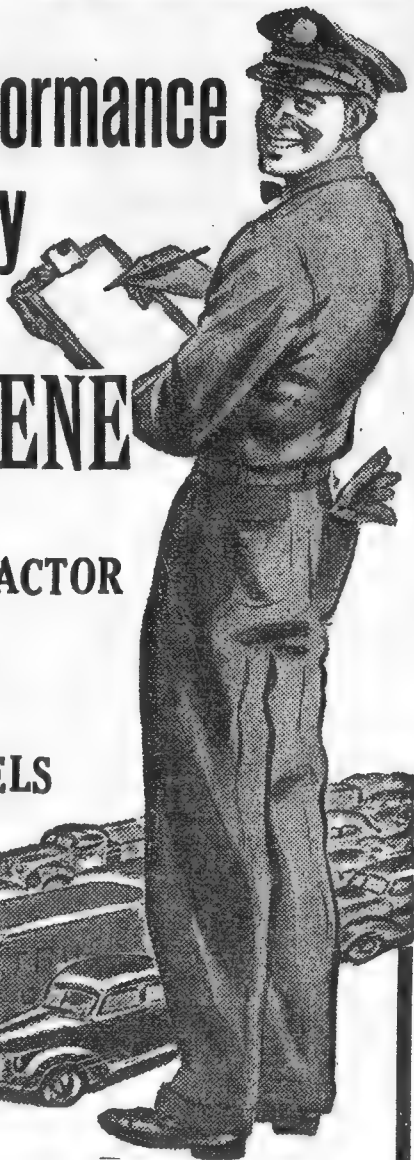
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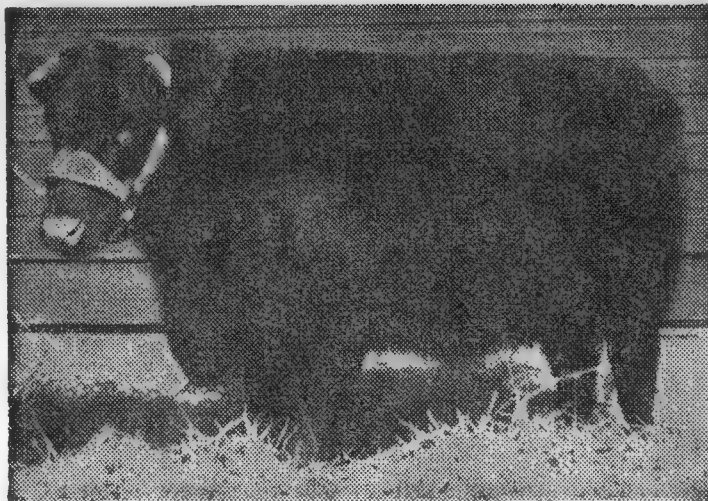
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#### PROMISING NEW IMPORT

This is Sweet Lavender, the two-year-old Shorthorn heifer, recently purchased by Emil Gammaert, Rockyford, Alta., from the outstanding herd of Ralph Cadzow, East Lothian, Scotland. She is deep red in color and is sired by Red King, a grand champion bull of the Dublin livestock show. Mr. Gammaert and Walter McCollister of Dalroy last year bought the \$8,500 Shorthorn bull, Fairington Cashier, at the Perth sales and his first crop of calves is reported as "excellent."

The well known Stampede Ranch, west of High River, has been sold by Guy Weadick to Dick Machin and Joe Caldwell of Innisfree, who will take over the property shortly and continue to operate it as a dude ranch. Mr. and Mrs. Weadick plan to make their home in High River.

### Men Who Get Up Nights Often Lose Their Pep

If you have to get up 3 or more times a night, your rest is broken and it's no wonder if you feel old and run-down before your time. So if you Get Up Nights or suffer from Bladder Weakness, Painful Passages, Backache, Leg Pains, Nervousness, Rheumatic Pains, Circles Under Eyes, or Swollen Ankles, due to Kidney and Bladder Troubles, you should try Cystex. Usually, the very first dose of Cystex goes right to work helping the Kidneys flush out excess acids and wastes which may have caused your trouble. To prove what Cystex may do to bring you joyous help from the pains and distress of Kidney and Bladder troubles, get Cystex from your druggist and give it a fair trial with the positive understanding that if you are not satisfied for any reason, you get your money back on return of empty package.

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### IMPORTANT DATES ON THE CALENDAR

- May 13 — Third annual sale of Killlearn Farms Shorthorns, Edmonton Exhibition Grounds.
- May 19 - 20 — North Battleford fat stock and purebred cattle show and sale.
- May 26 - 27 — Lloydminster annual bull sale and district calf club show and sale.
- May 29 — Central Alberta Cattle Breeders' Association annual sale of purebred bulls and females, Lacombe.
- June 5 - 12 — 29th annual Farm Young People's Week, University of Alberta.
- June 14 — Central Alberta Calf Clubs' annual sale, Lacombe.
- June 18 - 20 — Annual meeting, Canadian Seed Growers' Association, Macdonald College, Quebec.
- June 23 - 26 — Annual convention Agricultural Institute of Canada, Lethbridge.
- June 30 - July 4 — Brandon Exhibition.
- July 7 - 12 — Calgary Exhibition and Stampede.
- July 14 - 19 — Edmonton Exhibition.
- July 21 - 26 — Saskatoon Exhibition.
- July 28 - Aug. 2 — Regina Exhibition.

#### NAMED POTATO KING

W. L. McGillivray of Coaldale was recently crowned king of potato growers in the Lethbridge area and awarded a trophy and gold medal as the leader in the 15-Ton Potato Club, which has as its aim the improvement of potato production. Mr. McGillivray recorded a yield of 15.77 tons to the acre.

Arthur W. Aylard, owner of Brackenhurst Jersey Farm, Sidney, V.I., British Columbia, has been given the "Constructive Breeder" award of the Canadian Jersey Cattle Club for the year. These awards are made to breeders on the basis of their accomplishments in the improvement and handling of their herds. Mr. Aylard has been active in matters of the breed association and in agricultural circles in his community.

Prize lists of \$5,500 are planned for the cowboy stampede events to be staged in connection with the Regina Exhibition, July 28 - Aug. 2.

# Farm and Ranch Housewife

DEVOTED TO THE INTERESTS OF THE RURAL WOMEN OF WESTERN CANADA

## FORGOTTEN LADY...

By A. L. O'FARRELL

THE party dress hung on a scented hanger, its golden folds shimmering in a way that lifted Kathie above the hum-drum routine of chores. Once she even slipped to the door of her room to look at it — when she brought the first pail of foamy milk to be strained into the big separator bowl. Dad and Mom were still at the barn so she could steal an extra moment to gloat over the beauty of her new dress and dream about wearing it.

Her first new party dress since before the war! She had been so afraid that maybe the department store would send her one of those exasperating little slips apologizing for not being able to supply the goods ordered. Or at best, have to substitute.

But it had come. It not only fitted her but did something for her—emphasized the duskiness of her hair, brought out the amber in her eyes. And the happiness in her heart!

For Kathie's heart was bubbling over with happiness. Jim was home safe after four years overseas. And the spring "round-up" was that very night, and she'd be able to go after all these years of staying home because of Dad and Mom and the war.

Before Jim went overseas they had gone with the younger crowd to all the dances and concerts in the country, to shows in town, and the annual Old Timers' Dance. But the spring "round-up" had always been the most important of all. It was a tradition in the district. Every spring, after seeding, the young people held a dance in the school-house to celebrate the end of "Spring's work." It was a gay, happy affair that everyone, old and young, looked forward to weeks before, and talked about weeks after it happened. And because the whole neighborhood was in the habit of turning out for the occasion, some wag, long ago had dubbed it "the spring round-up."

DURING Jim's absence Kathie hadn't been able to squeeze in much social life between farming and housework. Dad and Mom were getting old, and with Jim gone, there was no one else to help out but Kathie. She had done the best she could to take her brother's place, even to running the tractor, and driving the heavy truck. Then there were always chores, summer and winter. Chores, chores and more chores! Mom hadn't been so well most of the time, so the care of the house, too, had fallen largely on Kathie. There had been no fun for Kathie during those years. She had been too busy for anything but work.

Besides, she hadn't felt like going places and leaving Dad and Mom alone. They worried a lot about Jim, and they always seemed so lonely when she was away even for a few hours. She worried about Jim herself, and nothing was the same without him, not even the spring round-up. So she had just stayed home and knitted for the Red Cross, or wrote letters to Jim, or made up boxes to send overseas. Sometimes she read aloud from the farm papers because Dad and Mom liked her to do that.

She hadn't minded — much. Now and then she had felt a little bit lonely when she realized the old crowd was changing, leaving her behind. Some had gone away to the

services or to war jobs. Others had married. Still others were entering the group to which she and Jim had once belonged. Altogether she had come to feel a stranger, an outsider.

Then Jim returned. Older, and somehow, different. It was taking them all time to adjust themselves to a new and unlooked-for situation. For Jim had come home with ideas. Grown-up ideas. And very much his own! He wasn't sure, for instance, that farming was the great answer to life. In fact, he wasn't much interested in farming. He wanted to live with wheels and levers, and by a time-clock.

Olive wanted that too. Olive was the girl who had waited for Jim to come back. While she waited, she had worked with wheels and levers herself. She thought a time-clock a great innovation.

So Jim and Olive had their own ideas, and Dad and Mom pretended it was quite all right. Anything that made Jim happy was right. And anyway, they had Kathie.

"I don't know what to do," she confided to Eric Smith, their neighbor. Eric had always been their neighbor except for the two years when he had been overseas. Grievously wounded over there, it was only the last year that he had been able to come back to his farm. He still found the going slow.

"I just don't know what to do!" Kathie told him. "It never occurred to me that Jim and Olive wouldn't settle down to the farm. Dad always intended that south half for Jim, and I supposed he'd build his own house there. Now it doesn't look as though he is going to farm at all, and Dad isn't able to carry on indefinitely with just my help, and you know what hired help is, Eric, when you get it! I don't know what to do!"

"Let it ride," Eric advised her. "Jim will get himself straightened out by and by. Wait till he gets at the spring's work. The soil is in his blood, Kathie."

Kathie waited. Somehow, she felt Eric might be right. He so often was. Level-headed and patient, a born farmer himself, he was what Jim called a "right guy." Jim and Kathie had always looked up to Eric, not just because he was several years older but because he was that kind.

While he was putting in the crop Jim hadn't given the slightest hint of his plans. But Kathie often found him standing, quiet, just looking off across the fields with a strange light in his eyes.

THEN the same old thing happened that happened every year. The wind began to blow and the fields to shift. Jim's face went grim and she did not see the light in his eyes anymore. Still Kathie refused to believe he would leave it all. She pinned her hopes on the spring round-up. It was such a friendly, happy affair always, and Jim seemed to be look-

ing forward to it. Maybe he'd feel more a part of everything at the spring round-up. Maybe he'd come home, really, then.

That was why she had spent all her meagre savings on the party dress. It was the symbol of her hopes, her happiness. The talisman against her fears.

A couple of days before the dance Jim had taken the car to town for some repair work. He wasn't back yet, but he had sent out the mail by a neighbor. There was a parcel. Her party dress! Lovely and just right. The thought of wearing it had lifted Kathie to the clouds.

There had been a note from Jim, too, saying he was helping with the car and would stay with Olive's people while in town. None of them had thought much about this. Jim and Kathie often stayed at Olive's home when they were in town. And anyway, Jim would be bringing Olive out to the round-up. Staying would save him a special trip in for her.

AND now Kathie hurried happily through the evening chores, stopping only that once to look at her dress. She tingled with excitement the nearer the time came to wear it. It had been so long since she had been to a dance! Even Dad and Mom were pleasantly excited and had almost decided that if Jim wanted to slip home for them at midnight, they'd go over to the school for the dance supper.

Kathie had baked a cake and made sandwiches that afternoon. She had washed her hair and put it up in curls. She even "did her nails" just before chore-time so she wouldn't have to hurry later.

Dad had co-operated by insisting they do chores early to give Kathie more time, so by seven-thirty everything was done, and Mom had supper on the table. Kathie was in such a twitter of excitement she could

(Continued on page 31)



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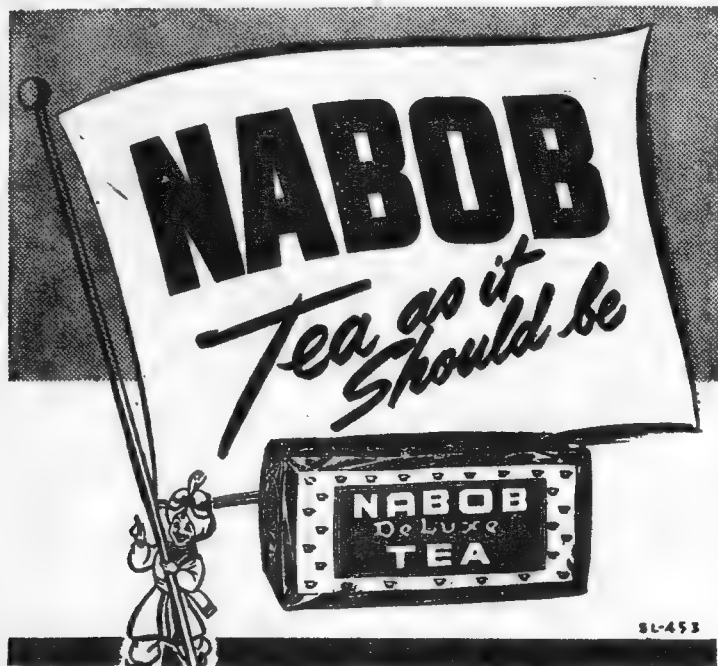
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**Country Diary**

★ ★ ★  
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MAYPOLE dances, May queens and wild-flower garlands once belonged to the opening of the "Merrie Month". A traditional memory now, all but forgotten in the stress and strain of everyday existence. Those who lived in the Maypole era did not know the comfort and comparative luxury to which we are more or less accustomed, but neither did they know the fear and worry of the horrible possibilities of science. And they did enjoy their simple festivities whole-heartedly as the Old English lyrics prove.

Each month has its own appeal, each its own charm, even the stern months of our prairie winter, but May is very special, for now Spring has really decided to settle down and stay. The countryside is full of young things, the trees are dressed in clean, fresh foliage and above all, Spring has become vocal. The birds sing. Robin, blackbird, oriole pour out their hearts in exultation and thanksgiving. Sparrows do their best to express delight at their discovery of new leaves. Wrens chirp tonelessly but with rhythm in the thick bushes. Each sound blends without conscious effort in symphony into the Spring Song from dawn to twilight. The colored dawns of May are often silver-chilled by night, but as the sun's brightness and warmth fill the air, trill and warble, whistle and chirp come from all around, increasing in volume till at noon the golden melody is at its best.

The champion of them all, in my opinion, is the meadow-lark. To me, the blackbird's vivacious harmony is Mozart, and the meadow-lark's trio of sweet notes repeated fugue-like, is surely Bach. To listen is to make the heavy heart a little lighter.

Of course we are busy, amidst all the appreciation of bird-song, more so, it seems than ever or else it is stiff old bones and muscles that find the going harder. But old or young, country workers must feel, in some degree, the enchantment of the living, pulsating freshness that is May. Never do I feel such satisfaction in the ancient calling to which I belong as at this time of year. The "sweet o'the year" is sweeter than ever. The whole land is full of new hope.

The Lady of the Farm left her kitchen chores to come out and sniff the fragrance of the bursting buds

this early morning, and expressed the fantastic wish that it might be served up in crystal bottles for the drug-store counter, labelled "Spring Morn." It would be most refreshing to those indoor workers who live in the irksome drudgery of office routine beset by the bothersome quibbling of the telephone, the typewriter's incessant click and the artificial glare of electric light.

The lengthening day is one of the timeless virtues of Spring. Of course I like its length best untampered by man's meddling. So do all our animals. The mellow hour of twilight is Nature's favorite picture. Dull of perception is he who has never paused to recognize the magic of roseate twilight. Dull and forlorn, I say.

## The Dishpan Philosopher

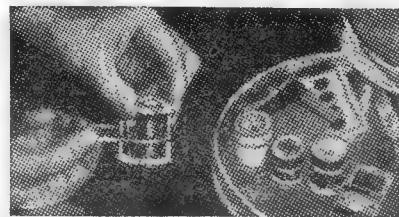
At times the labor of my hands no team-work from my head demands, like maybe when I'm punching bread or spreading covers on a bed. Then, like as not, I take a trip—to Jasper or B.C. I skip. Or even on a shining plane I boldly cross the bounding main, and wander any place I choose to peek at places in the news. The Balkans, China, Hindustan, Siberia, Afghanistan, Brazil, Bolivia, Peru—I give them all a quick run through, for no place is too far I find for these short journeys of the mind.

But not one country have I seen on which I ever would be keen. Right here I'm happy to belong for, like the poet in the song, no matter where I chance to roam there is, for me, no place like home.

It is a good idea to keep a white card in the sewing machine drawer to place under the foot when you must thread the needle. The card allows one to see the eye of the needle more readily and so to thread it easily.

□ □ □

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Per pair **89c**

RAYON HOSE—First quality, full fashioned, medium sheer, for general wear. In "sunblonde" shade. Pair **\$1**

NYLONS—Every woman's favorite who desires sheer loveliness. Nothing like nylon for beauty, fit and wear. 42 gauge. Pair **\$1.50**

45 gauge (finer). Pair **\$1.75**

LISLE—Semi-fashioned, nice fine lisle. A hose that will give good wear. Pair **69c**

Women's Hose Sizes 9 to 10½—Be Sure to State Size.

### For the Men—

SOCKS in fine soft botany wool, wine, gray, and navy. Pair **\$1.25**

FANCY WOOL AND RAYON SOCKS in wine, brown and navy. Also cotton and wool mixtures, plain and fancy. Pair **\$1**

WORK SOCKS—Soft wool, grey rib-knit. A real work sock for quality and wear. Pair **69c**

Men's Sock Sizes 10½ to 11½.

Work Socks Larger.

**Hosiery Specialty**

621 - 8th Ave. W., CALGARY, ALTA.

## Forgotten Lady

(Continued from page 29)

scarcely eat. Then Mom wouldn't let her help with the dishes, laughingly commanding her, "Shoo! Go pretty up, it is already way past eight."

"There's lots of time. The dance never starts until late," Kathie said, but she flew to her room and started getting ready. Fifteen minutes later Mom called, "Here's Jim now. I hear the car."

But it wasn't Jim. Kathie had just got all the pins out of her curls, and still in her housedress, she ran out to greet the carload of young folks.

"Where's Jim? Does he want to go to the dance?" one of them asked.

"Jim has been in town fixing the car," Kathie replied. "I haven't had any word from him - -"

"Oh, then he will probably be along with Olive later," someone sang out. Then the car started and in a moment was gone. Gone! And not so much as a "Like to come with us Kathie?"

She returned to the kitchen, her steps lagging. "A bunch for Jim to go to the dance," she told her mother, and went on to her room, wondering why Mom had given her such a queer look.

And suddenly getting ready didn't seem fun now. It seemed — Well — no use! For all at once she remembered that it would be out of his way for Jim to pick her up. And anyway, he'd probably expect someone else to take her. And nobody else would! Kathie knew. Nobody would even think about calling for her. Kathie? Oh, she wouldn't be going. Hasn't been to a dance for years...

Lights flashed along the different prairie roads, there was the sound of cars passing, and the clock told her solemnly that none of them would stop.

They didn't.

She was all ready now but putting on her dress. She stood and looked at it a moment, then slowly she turned away, fighting back her tears.

She was in bed when her mother finally opened the door of her room.

"Asleep, Kathie?"

"No, Mom."

"I think we'll turn in now ourselves. We're sort of tired, too."

"Good-night, Mom."

"Good-night, Kathie." Her mother closed the bedroom door gently.

KATHIE lay in the dark and thought dark thoughts. Jim forgot all about me. Everybody forgot all about me. I'm just Kathie. The girl that milks cows and feeds pigs. No glamour! I didn't go to war or work in a factory. I just cleaned barns, and greased tractors, and wore overalls, and got all dirty.

She tried to stop thinking such things. What made her, anyway? Was it temper? No, she was hurt. But she had no reason to be hurt, really. After all, why shouldn't they forget her? She hadn't been part of the crowd for years. She'd been on a war assignment, only nobody seemed to know it. Secret service!

And why shouldn't Jim forget her? He had Olive and they had everything in common. Wheels and levers and time-clocks!

And with that thought came another. Jim would marry Olive and they would go off to the city to live. Kathie could do the farming! Kathie could go on looking after Dad and Mom. Good old Kathie! Getting a bit oldish now. Not likely to marry...

Tears splashed onto her pillow. She thought: I'm just working up a lot of pity for myself. I'll be all right

in the morning. Only now — I had planned so much on the round-up! I'll have to get used to being forgotten. But — I did plan so much!

She slipped out of bed to go and stand by the window. She was looking for Eric's light, just half a mile away. So often this last hard year she had taken comfort from Eric's light. He had the habit of reading late at night, and when she was worried about Jim, and the farming, when it seemed to her she couldn't carry on much longer, she had looked for Eric's light. Its friendly glow had never failed to encourage her. It was like Eric's calm voice. It put things straight. And then she would go back to bed and to sleep, comforted by her neighbor's light.

But she realized with a shock that tonight it wasn't there! Of course, Eric would be at the round-up. Funny she hadn't thought of him going. This was the first one for him, too, since coming home. He had just missed last year's. Feeling inexpressibly forlorn, she stumbled back to bed and cried herself to sleep.

MORNING didn't help a bit what with Dad and Mom so obviously trying to appear as if nothing unusual had happened, and Mom making pancakes because she knew Kathie liked them! Dad said, too casually, "I wish you'd take the truck to town, Kathie, and bring back a barrel of gas. I want to grind feed." Suggesting a trip to town like he might to some kid, bless him! But if they had come right out and said anything she couldn't have stood it.

They're so sweet, thought Kathie, and vowed she'd never, never leave them alone. She did love them! And she loved Jim, too. Jim had given four years of his life to the service of his country and now he had a lot to make up. He might easily forget her sometimes. After all, sisters should expect to be forgotten when Cupid took to hanging around.

Warmed by the dear kindness of Dad and Mom she began to feel ashamed of her raging the night before. Only she didn't like being forgotten. Kathie told herself wistfully: Even Eric was at the round-up. Everybody was. And I had a new dress just special! Oh, well, I'll send it back today. I won't be needing it!

And when she tenderly wrapped up the gold party dress she felt like she had wrapped up her heart with it, and was sending both back to the store.

"The wind is gettin' up," Dad said anxiously when she went out for the truck. "I'm afraid we're in for another big blow."

"That west field won't stand another high wind, Dad," she told him.

"I'm afraid not," he replied, and scanned the sky as though looking for an answer. She left him, just standing there in the farm yard, a frail old man, bent with the toil of years and the burden of many disappointments. Looking back at him, Kathie thought desperately, Oh, Jim must never look like that. I won't have it! Not all this on top of four years of war. He mustn't stay!

By the time she had reached town the wind was without mercy, and the air was a swirling curtain of dust. She got the barrel of gas, and then went to the store for her groceries.

"Bad day," volunteered the grocer, and Kathie agreed.

"Fields pretty well in the air, I guess." And again Kathie agreed.

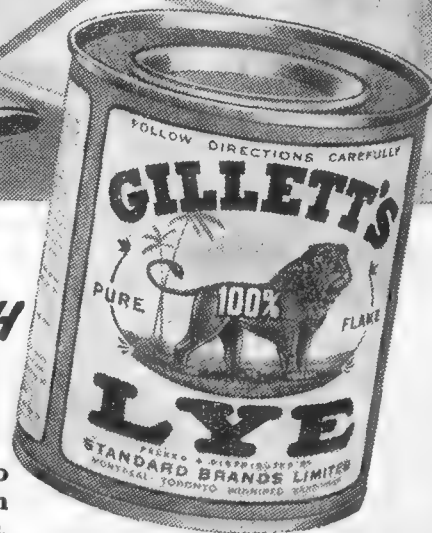
"Oh, well, we may get rain yet," he told her hopefully. She smiled. "Of course! It is surprising what a little rain can do after a big blow." She had to say it. She couldn't bear to

(Continued on Page 34)

I never knew it was so easy to make soap

NOW EVEN CITY FOLKS MAKE SOAP AT HOME

SO QUICK...  
SO EASY WITH  
GILLETT'S LYE



• No wonder—it's so simple to make grand household soap with Gillett's Lye. In only 20 minutes, you can have a 2 months' supply — at less than 1¢ a bar!

Buy a tin of Gillett's today for quick and easy soap-making and use it for a dozen other household chores, too. Half a tin once a week in the outside closet keeps it clean and odorless; Clear drain pipes with Gillett's; quick-scour pots and pans. One tin of Gillett's makes a 10 gallon solution\* that deodorizes, sterilizes — keeps barn and milk house sanitary. It's like another hand around the farm—get Gillett's Lye today.

\*Never dissolve lye in hot water. The action of the lye itself heats the water.

# For best results use ROYAL YEAST



## Always ready for fast baking

• Tender Parker House luncheon rolls, luscious sweet breads—bake them quickly—at any time with Royal Fast Rising Dry Yeast. No dashing out to the store at the last minute—Royal stays fresh for weeks without refrigeration. You can bake any time you're in the mood because it's always right there when you need it.

Keep a generous supply handy on the shelf. It will stay full-strength, as fast acting as the day you bought it. Get Royal Fast Rising Dry Yeast today. At your grocer's.

## Aunt Sal Suggests

*After the lengthy winter,  
How we do welcome spring!  
And how we welcome handy  
hints,  
And the help that each can  
bring.*

Everyone knows that the spring time means 'busy time' to home-makers, especially to rural women. With gardening and house cleaning on the go, it's safe to state you'll be getting your full quota of exercise. So why not counteract all this lively activity by sitting down at as many household jobs as possible?

It seems a shame that many women can't rid themselves of the notion that it smacks of laziness to sit down to work. Far from it: it's just common sense. Standing takes 14 per cent more energy than sitting. Did you know that? Well remind yourself of it then the next time you peel potatoes, iron or do any of the hundreds of small jobs that can be done just as well sitting down.

If you see a woman concealing a blemished complexion with a thick coat of make-up you dub her 'foolish'—even sloppy don't you? Yet how many women treat their floors the same way! They apply a coat of wax or shellac to a stained surface in the vain hope that the stains won't show through. Just wishful thinking however for alas they'll creep through and show worse than ever...

So it all boils down to the truth that floors must be clean... and we do mean clean... before any finishing coat is applied. Wax, shellac and varnish are all protective agents... not cleansers.

If you do shellac your floors this spring here's hoping you have a few drops left over for the other wee jobs around the house. Dull picture frames and bric a brac like to be sunnied up too and have you ever thought of applying shellac to the edges and cover of your favorite cook book?

Seasons come and go but the family mending goes on and on! Mothers of rough and ready young sons know what I mean. Even grown men give their sweaters some hard usage. If it's the cuffs that are frayed don't spend time darning them... a quicker and neater way is to cut the cuffs right off then apply new cuffs that are really not cuffs at all but the ribbed tops of socks the same color. Stitch these on the machine and you'll be pleased with the neat camouflage.

When families start pitying themselves because spring menus lack variety, they would do well to extend a little sympathy to the cook who has the everyday task of planning and preparing those meals. She gets sick of them too!

Let's whisper this word of advice to the weary home cook... "Don't be afraid to try new ideas." Often just a telling dash of some new ingredient will turn an ordinary dish into the prize winning class. Sprinkle dried parsley in the milk soup... daub paste mustard on the hot roast beef... slice bananas into stewed prunes. (Get what I mean? You carry on from there.)

Don't get into a rut when cooking eggs. Boiled, fried or poached... those are the three categories in the minds of many cooks. If you've

never tried omelettes or souffles, start now... you can't learn any younger.

Here's a word about souffles—if you want them to fluff to their utmost then try adding a stingy pinch of baking soda to their make-up... Of course we mustn't forget custards when speaking of egg dishes. Though if you have been overbeating or overheating your custards the tough watery results haven't created a custard-craving round your home. Well try once more and use the recipe given below. I've named it: HONEST-to Goodness Custard.

2½ cups scalded milk, 3 eggs (slightly beaten), ½ cup white sugar, ¼ tsp. salt, a few grains nutmeg. Method: Combine all ingredients except milk. Pour the scalded milk slowly over these. Pour through sieve. Pour into buttered bake dish. Place this inside larger bake dish which has been lined with newspapers and enough hot water to cover bottom of dish to depth of two inches. Bake in slow oven until custard is firm and evenly set. Do not over-bake.

By bye for now... and every good wish!

□ □ □

## Gay Apron Set



Home will be lots gayer with you in these pretties! Merry morning glories decorate a practical apron, bandana, oven mitt. Simple stitches.

Be happy while you work at these and in these! Pattern 902 has transfer of motifs; pattern pieces; charts.

Send TWENTY-FIVE CENTS in coins (stamps cannot be accepted) for this pattern to Farm and Ranch Review, Needlecraft Department, Calgary, Alberta. Print plainly PAT-TERN NUMBER your NAME and ADDRESS..

### NOTICE!

Owing to increased production and handling costs the price of patterns have been increased to 25 cents each. When sending in your pattern order, please be sure to enclose the correct amount.

THE second Sunday in May is Mother's Day, a day set apart to honor all mothers. I like Wm. A. Thackeray's definition of mother. He says, "Mother is the name for God in the lips and hearts of little children."

We are indebted to Miss Anna Jarvis of Philadelphia, Pa., for originating the idea. Miss Jarvis was so attached to her mother that when her mother passed away, she spent the anniversary of her death remembering her. On May 9th, 1907, she decided

## MOTHER'S DAY

By D. J. MACLEOD

to try and interest people everywhere in dedicating one day a year to mothers.

Her own city, Philadelphia, observed the first Mother's Day on May 10th, 1908, and on May 10th, 1913, the United States Senate and House of Representatives passed a resolution making the second Sunday in May a national holiday. The same year it spread to England.

The future peace of the world would

be assured if the final word rested with mothers the world over. De Beaufort says, "The future of society is in the hands of mothers. If the world was lost through women, she alone can save it."

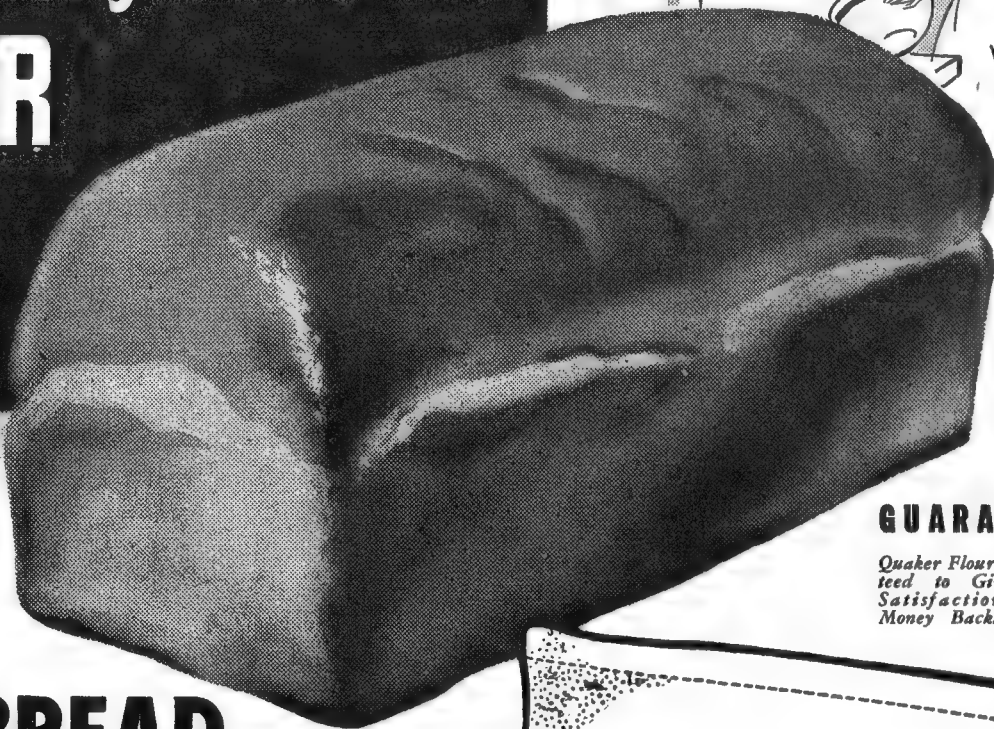
Mother's Day is a day for wearing a red or white carnation, a day to write that overdue letter to your mother, a day to send her a gift.

Elizabeth Akers has caught the spirit of Mother's Day in her inimitable poem, "Rock Me to Sleep,"

"Backward, turn backward, O Time  
in your flight,  
Make me a child again just for to-  
night.  
Mother, come back from the echo-  
less shore,  
Take me again to your heart as of  
yore;  
Kiss from my forehead the furrows  
of care,  
Smooth the few silver threads out  
of my hair;  
Over my slumbers your loving  
watch keep;  
Rock me to sleep, mother, rock me  
to sleep."

**A LOAF OF BREAD**  
*is only as good as the*  
**FLOUR**

*you  
use!*



*Here's why  
you'll bake*

**BETTER BREAD**  
*with* **QUAKER!**

► It's the satin smoothness and superfine quality of special All-Purpose Quaker Flour that gives such splendid results. With Quaker Flour you'll get grand even textured bread . . . light and tasty every time . . . delicious rolls that are white, crispy and tender! And because Quaker is a special All-Purpose Flour, you'll get tempting cakes and pastry too!

You see, Quaker Flour is *specially* milled . . . *specially* refined and processed . . . sifted many times through fine silk screens . . . sifted till the Flour's so soft . . . so fine . . . it's good for all your baking needs. It's thrifty, too! You get more loaves from a bag of Quaker. Order Quaker Flour today!

The Quaker Oats Company of Canada Limited  
Makers of Ful-O-Pep Livestock and Poultry Feeds

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Happy Days with QUAKER!"

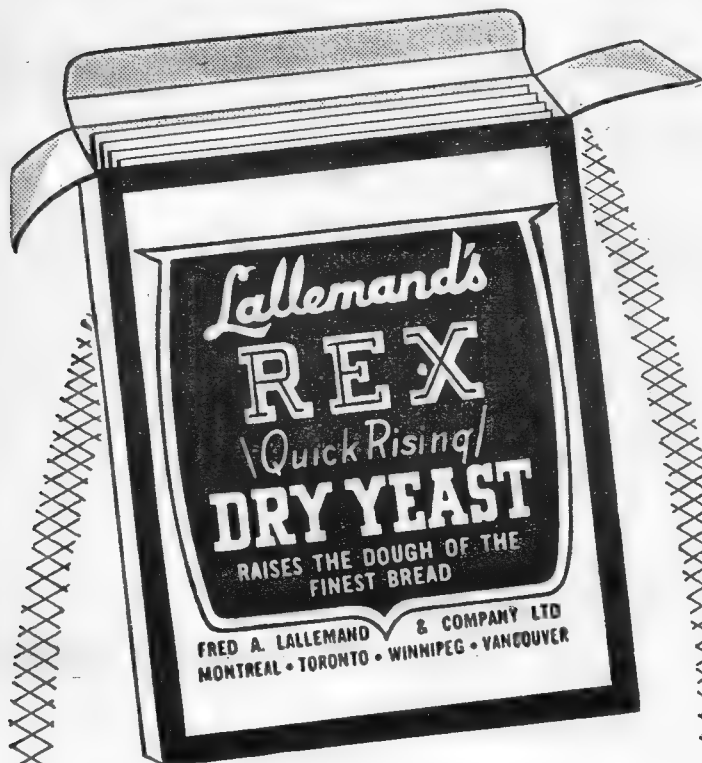


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# REX does the trick on Baking Day!



Rex yeast saves time! No more setting bread and rolls the night before . . . with Rex they're ready in a few hours. Rex yeast saves money! Because Rex is the dry yeast that keeps fresh for weeks. Women all across Canada count on Rex Yeast to help them turn out crusty, delicious, wonderful-looking bread in half the time.

Write to Lallemand's 124 King St. Winnipeg  
for free sample of Rex yeast  
and recipe folder.

**LALLEMAND'S REX**  
Quick - Rising Dry Yeast—at your grocer's

## The Accommodating Apple

By SARA E. NELSON

APPLES can be used in so many other ways besides sticking them under a crust or bobbing them in a tub of water at Hal-lowe'en. For instance, be sure to pop an unpeeled apple into the next pot of stew or soup you prepare . . . it will absorb excess grease and add a sweet, tangy flavor. Meat loaf can be pleasantly and edibly extended by grinding a raw apple in with the meat, onions and crumbs.

### Forgotten Lady

(Continued from page 31)

have him look like that. He had a family. Blown out fields meant less business.

Carefully he packed her groceries in a cardboard carton. "Forecast is for showers," he said absently. His voice sounded tired.

The door opened and the wind blew dirt along the floor. Eric came in. "Hi, Kathie," he greeted her, "you weren't at the round-up last night." (As though she didn't know.)

"I was tired," she murmured.

"I didn't feel an awful lot like going myself," Eric told her. Then he blundered on, "I sure thought you'd be there. Jim and Olive were."

She had to tell him. "Jim was in town fixing the car and didn't get home. I had no way to go—"

"Gosh! That was too bad!" He picked up the carton of groceries she was struggling with, and carried it out and put it in the truck cab. Kathie climbed in, feeling like groceries herself. Then she saw her dress, all wrapped up for its trip back to Winnipeg. She gave Eric a pensive little smile. "I had a new dress, too," she said childishly.

"I'll be darned!" Eric exclaimed. Then, his face very red, he kind of stammered, "You know, Kathie, I was all set to phone you, and then I thought you'd be gone—that is—I mean, I really didn't think you'd want to go with me—"

"Why, Eric Smith! What a thing to say!" She cried indignantly.

"Well, you know I never belonged to your crowd, Kathie. I was a little too old," he said apologetically.

"You're not so old," she contradicted him stoutly.

"Well, old enough not to belong—" his voice sounded regretful, and his eyes—somehow, his eyes made her think: Why, Eric feels forgotten, too! She couldn't help saying:

"Eric, I feel the very same way. I don't belong any more. In fact, no one, not even Jim, thought to ask me to dance last night. I've been out of things for so long. I'm just forgotten."

"I know." He spoke quietly and the way he looked at her made Kathie's heart do queer things. "I didn't forget you, Kathie. I'd have gone for you when I found you were not there, only I was scared, I guess."

"You had no need to be! I'd have loved going with you, Eric," she told him earnestly.

His voice was urgent, almost pleading, "We'll have to start finding our way around again—together. Shall we, Kathie?"

"Oh, yes, let's!" said Kathie, in the old eager way he remembered so well. They smiled at each other then, knowing they belonged. To each other. And the wind went right on beating the dirt as viciously as ever but they thought it was a most beautiful world!

Strong-tasting vegetables like cabbages or onions are toned down considerably if an apple is boiled in with them. On the other hand, rather insipid vegetables like marrow are pepped up when an apple is added. Works both ways you see!

And one of the tastiest, quickest winter salads I know runs thus: mince one large peeled apple, one orange and one very small onion. Toss them together with your favorite boiled salad dressing and there it is in almost no time flat.

And you always mince an apple in with your poultry dressing don't you? I really I really think you should: I do and my mother did and my grandmother did. Three smart women can't be wrong (or can they?).

Fried apple rings is a southern dish that shouldn't be permitted to remain down south. They serve both as a relish and a garnish around a platter of pork. So easy to prepare. You just fry thinly sliced RINGS of apple in melted butter until crisp . . . Sprinkle with a very little brown sugar and cinnamon and serve at once.

So many folk agree that pork and apple sauce go together just like turkey and cranberries. But don't make the mistake of making this apple sauce too sweet. It should be rather on the tart side if it is going to act as a relish.

If your family is among those that likes pork and apples in unison, then I'm sure they will enjoy this dish called:

#### APPLE AND PORK PIE

The ingredients are: 2 medium potatoes, 4 medium apples, 2 cups diced (cooked) pork, salt and pepper to taste and water or meat broth.

METHOD: Pare and cube potatoes. Peel, quarter and core apples . . . cut into lengths. Place apples, potatoes and pork in bake dish. Add water or broth, season to taste. Bake in oven (375 degrees F.) for 30 minutes. Top with crust of biscuit dough or small biscuits and return to oven (425 degrees F.) until biscuits are brown.

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#### ROLLED SANDWICHES

Rolled sandwiches are made of thin slices of fresh bread, cut from the end of the loaf, thinly buttered and spread with a filling which adheres well. The slices are then rolled, filling side inwards, into small cylinders, which are packed snugly into a shallow box, open side downwards, covered with waxed paper and placed in a cool place for some time before serving. Plain bread and butter sandwiches are most attractive served in this way with a tiny sprig of parsley tucked into one end. A small stalk of asparagus or a sprig of water cress may be included in the roll or the butter may be varied by creaming into it finely chopped parsley, green pepper, grated horseradish, olives or pickles, or anchovy paste or mashed sardines. Cream cheese fillings are suitable for this type of sandwich.

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There are other measures that mean good grooming for you besides your routine of the day. Keep your hair very clean. Brush it well every day. After washing it use a lemon rinse. Strain the lemon juice into the rinse water. Your hair will have a silk-like texture because the lemon cuts the soap curd leaving your hair shining.

## SELECTED RECIPES

THE spotlight has been turned on the school lunch box. Too often it has been found to be unattractive, unappetizing, and above all to be lacking in those foods, recommended by Canada's Food rules which are necessary to build healthy, verile bodies.

To overcome these deficiencies, many communities have inaugurated school lunch projects, with great success. The homemaker has learned the necessity of packing lunches, which are good to look at, good to eat and "good for her child". Through this medium, the child has also acquired proper eating habits.

To pack really good lunches day after day is a big task for the homemaker. It requires plenty of planning, particularly at this time of the year to give that needed variety. Here are a few suggestions which will simplify your work.

Plan a lunch-box preparation centre in your kitchen. Store all canned and staple foods, also equipment required at this point.

Plan lunches for the next day when planning and preparing the day's meals. This makes possible the preparation of lunch foods while cooking other meals.

Sandwich fillings should be mixed the night before and stored in a cool place. Several fillings may be made from one base — such as with a cheese base vary the flavor with relishes, jellies or hard-cooked eggs.

Use fillings that will not soak the bread and do not allow them to run over the edge.

A variety of breads or quick breads add interest to the lunch box.

Wrap in waxed paper all foods not packed in covered containers.

Desserts such as baked custard and fruit gelatine may be packed in the custard cup in which they are baked or molded.

Put salads, creamed or scalloped dishes in a screw-top jar.

To give added interest and variety slip in a few tid bits from time to time—such as candies, nuts, raisins, dates, or a wedge of cheese.

Be sure to serve raw, either a fruit or vegetable each day to provide something fresh and crisp.

### Mock Chicken Spread

- 1 cup coarsely ground cooked pork or veal
  - ½ cup chopped or shredded raw carrots
  - ½ cup chopped celery
  - 2 tablespoons sweet pickle relish
  - 3 tablespoons mayonnaise
  - ½ teaspoon salt
  - ½ teaspoon pepper
- Combine all ingredients and mix thoroughly. Yield: 1¾ cups.

### Baked Bean Salad

- 2 cups baked beans
  - ½ cup diced cooked beets
  - 2 stalks celery, chopped
  - 2 tablespoons chopped sweet pickle
  - 1 tablespoon catsup
- Boiled salad dressing to moisten

Mix lightly together and serve well chilled in lettuce cups. Serves five to six.

### Sour Milk Gingerbread

- ½ cup mild-flavored fat
- 2/3 cup sugar
- 2 eggs
- ½ cup molasses
- 2 cups sifted all-purpose flour or
- 2¼ cups sifted pastry flour
- 2 teaspoons baking soda
- ½ teaspoon nutmeg
- 2 teaspoons cinnamon
- 1 teaspoon allspice
- 1 teaspoon ginger
- ½ teaspoon salt
- 1 cup sour milk

Cream fat until fluffy; gradually cream in sugar. Add beaten eggs and molasses and beat well. Mix and sift dry ingredients and add alternately with sour milk, combining lightly. Bake in a moderately slow oven, 325 degrees F. 50 to 55 minutes. Makes gingerbread 8 x 8 2½ inches.

□ □ □

## What's Your Luck With Cakes?

### Tips for Home Bakers

1. Don't Guess — Measure.
2. Never grease a tube pan used for baking angel food or other true sponge type cakes.
3. Don't confuse folding with beating in following a recipe.
4. Sheet and layer cakes are easier to bake than loaf cakes.
5. Old sayings may be based on experience — more often they are grounded on fiction.
6. Dried-out flour has caused many baking failures. Keep flour in a closely covered container.
7. Most natural shortenings such as butter and lard should be used in cakes that are relatively low in sugar and liquid. Use other shortenings for richer cakes.
8. Oiled waxed paper is convenient to use or lining the bottom of pans to be used for baking containing shortening.
9. Ovens should be at the baking temperature when the cake is put in.
10. Space pans in the oven to allow for adequate circulation of air.
11. Baking time will vary with the size and type of pan used.
12. Cake is done when its sides shrink from the sides of the pan, when it springs back after being pressed with a finger, or when a cake tester or toothpick comes out clean.

### Equivalent Weights and Measures

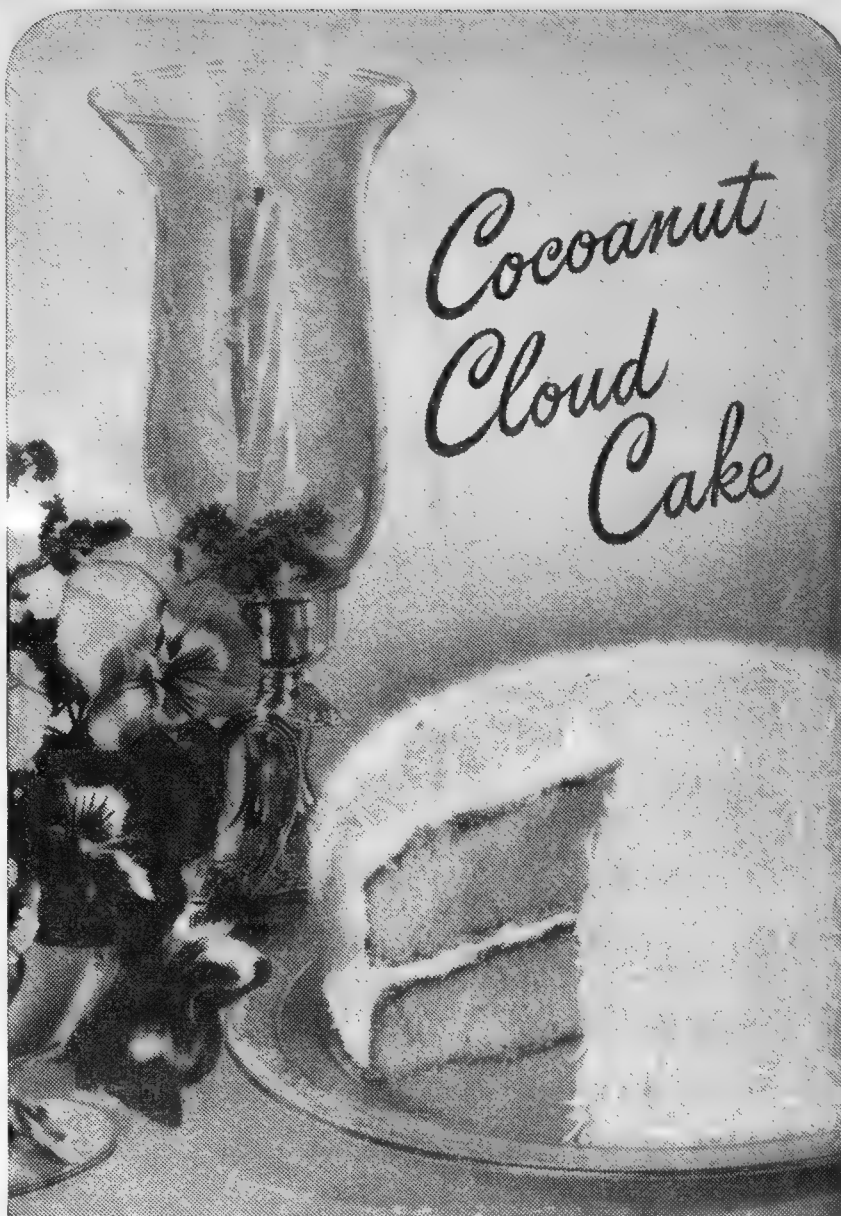
- 1 lb. butter—2 cups.
- 1 lb. cocoa—4 cups.
- 1 lb. cheese—4 cups, grated.
- 1 lb. dates—2 cups, pitted.
- 1 lb. cake flour—4½ cups, sifted.
- 1 oz. baking powder—3 tablespoons.
- 1 oz. soda—2½ tablespoons.
- 1 oz. vanilla—2 tablespoons.
- 1 oz. spices (ground)—4 tbsps.
- 1 lb. raisins—2½ cups, seeded.
- 1 lb. raisins—3 cups, seedless.

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When mixing pie crust, use a large salt cellar (the kind that onion salt or pastry spices come in) for adding the liquid. By sprinkling over the flour it is much easier to add the correct amount of water, and distribute it more equally, the pastry being formed much quicker too. An improvement is also noticed in the texture of the baked pie crust.

□ □ □

When cooking meat, and there is broth, to be used, congeal the broth with gelatin to form a jelly in which to mold leftover meats or vegetables, and you have a nutritious cold dish for supper.



## Tender treat... made with MAGIC

• Soft as a cloud, light as a feather — Magic's Cocoanut Cloud Cake! Piled high with a white delight of a frosting, showered with shredded cocoanut, it's a dream dessert come true!

All Magic-baked cakes are

super-delectable with a light delicate texture—and a flavor that's truly "dreamy." Once you use it, you'll see why Canada's leading cookery experts recommend Magic for finer baking results. Get Magic today.

### COCOANUT CLOUD CAKE

- ¾ cup shortening
- 1½ cups sugar
- 3 eggs
- 3 cups sifted cake flour

- 4½ tps. Magic Baking Powder
- ¼ tsp. salt
- 2 cups milk

- ½ tsp. almond extract
- 1 tsp. vanilla extract
- Boiled Frosting
- Cocoanut

• Cream together shortening and sugar. Add eggs, 1 at a time, beating after each. Sift together flour, baking powder and salt; add alternately with milk to creamed mixture. Add vanilla and almond extracts. Pour into 2 greased 9" layer pans. Bake in moderately hot oven, 375° F., 25 minutes. Cool 5 minutes. Remove layers from pans; cool on wire rack. Spread frosting between layers and on top and sides of cake. Sprinkle generously with cocoanut.

**Boiled Frosting:** Boil together 1 cup sugar, ½ cup water, and 1 tsp. vinegar to 238° F., (or until syrup spins long thread when dropped from tip of spoon). Beat 2 egg whites stiff; gradually add syrup, beating constantly until frosting holds shape. Add ¼ tsp. vanilla extract.



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IN the interests of our readers we are advising that when approached by a subscription salesman, you examine his credentials and make sure he is a fully credited salesman. We have received numerous complaints from subscribers, of men who claim employment with this publication, but have no official credentials from this office. They are not agents in our employ and readers are asked that when asked to renew or take out a subscription, to check all credentials. We cannot be held responsible for subscriptions taken by an unauthorized agent. All our agents carry a yellow card signed by an official of the Farm and Ranch Review.

M. HOLMES, Circulation Dept.,  
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Casa Loma Stock Farm, Accredited since 1924. Cathro & Anderson, R.R. 4, Calgary, Alta., Est. 1905.

Chas. Ellet & Sons, Sandy Lake Stock Farm, R.R. 2, South Edmonton, Alberta.

Highland Stock Farm, Accredited Herd, Chas. C. Matthews, Calgary. Albert Murphy, Altario, Alta.

#### Red Polls

T. H. Howes, Willow Farm, Accredited Herd, Millet, Alberta.

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#### BABY CHICKS

**DON'T DELAY!** Every day means less profit next Fall. Tweddle bred chicks will assure you of a proper start to a profitable 1947 season. Order now and be assured of the kind of chicks you want on the date you want them. We have the following pure breeds: White Leghorns, Black Minorcas, Anconas, Brown Leghorns, Barred Rocks, White Rocks, New Hampshires, Rhode Island Reds, White Wyandottes, Light Sussex, Black Australorps, Jersey White Giants and 12 cross-breeds to choose from in non-sexed, pullets or cockerels. They're from strong, pullorum-tested stock—Government Approved true to type, with proved records of livability and high production. Tweddle chicks are fast growing, heavy-producing birds and our prices are right. We have been in business for 23 years and we guard our reputation by shipping only husky, healthy, pre-selected chicks. Better send for the free Tweddle catalogue and price list for May. Tweddle Chick Hatcheries Limited, Fergus, Ontario.



### STEWART CHICKS

Are All Special Quality R.O.P. Sired

J. R. Stewart, Mgr.

R.O.P. Sired Chicks are recognized by the Dominion Department of Agriculture as being the highest quality possible to be produced in commercial quantities.

All Stewart's White Leghorn, Barred Rocks, Rhode Island Red and New Hampshire Breeding Flocks will be headed by Pedigreed R.O.P. Males from trapnested hens with records of from 200 - 300 eggs per year. Chicks that will LIVE—GROW—LAY AND PAY.

#### BROODERS

For immediate delivery.

BUCKEYE OIL BROODERS —\$23.75

Many choice dates are still open for booking R.O.P. Sired White Leghorns, Barred Rocks, Rhode Island Reds and New Hampshires for May and June. Place your order now and secure a preferred date.

Write today for large, illustrated catalogue and price list. 10% deposit now will book your chick and brooder orders and will also give you preference of delivery dates. Hear Songs of the Buckaroos every Thursday night, 7:30 and our Old-Time Programme, Friday nights, 9:30 Daylight Saving Time, over CFRC, Calgary. 1010 K.C.

### STEWART ELECTRIC HATCHERIES

602-B - 12th Avenue W., Calgary, Alta.

**BIG MONEY AWAITS EARLY FALL PRODUCTION.** Order chicks now. Make sure of Top profits from every dollar and every hour you invest in chicken raising this year. "Well begun is half done" and you begin right when you start with Top Notch chicks—start early. Top Notch breeders are Government Approved, pullorum tested and of proven production quality. Live delivery of husky, healthy birds is guaranteed—all the best breeds are ready for prompt shipment on the date you specify... day old or older, sexed or non-sexed. Heavy producers of meat and eggs, these chicks cut all risks to a minimum. They grow fast and produce early. Write for Top Notch catalogue and reduced prices for May. Also started chicks and older pullets for prompt delivery. Top Notch Chickeries, Guelph, Ontario.



FOR 1947

PLACE YOUR ORDER TODAY FOR PREFERRED DATES.

R.O.P. Sired White Leghorns, New Hampshires and R. I. Reds. Hatchery Approved New Hampshires, Light Sussex, Australorps, Austro-White Cross and Leghorn-Hampshire Cross. Price List on Request.

Mammoth Bronze Turkey Poults, \$75.00 per 100.

**L. S. COLES HATCHERY**  
BOX 188, CLOVERDALE, B.C.



#### BABY CHICKS

### THE CHICKS WITH A NAME



When you purchase VIGO - PEP chicks you are assured of these three features: (1) CHICKS WITH A BREEDING BACK-GROUND - R.O.P. sired Vigo-Pep chicks are produced from flocks sired by registered pedigreed males with 200 to 300 egg records. (Breeding Certificate is supplied with all R.O.P. sired Vigo-Pep chicks.)

(2) Strong, husky, vigorous chicks properly hatched and carefully selected. WE SHIP ONLY THE BEST - FIRST-CLASS CHICKS.

(3) Vigo-Pep chicks are produced ONLY from Govt. Approved Blood-Tested flocks—selected Alberta and B.C. breeding stock.

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FREE Catalogue and Poultry Book

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2,000 ac., east from Lacombe; 1,480 ac. cult., balance hay and pasture; 600 ac. summerfallow; soil a good clay loam; large farm house in good condition; cottage for help; large barn; garage; granaries; etc. School half mile; town 5 miles. \$16 per ac. with cost of seeding added. This is a good productive farm worth much more than selling price. Some terms to right party.

3,000 ac. south Foothills; 600 ac. cultivated; 300 ac. summerfallow; 2 miles river front; 2 sets buildings 2 miles from hard-surface highway; 5 miles from large town. Will carry 200 cattle. \$11 per ac.

320 ac., Donalda district; 120 ac. cultivated. Nice 6-rm. house with basement and furnace, outbuildings and well; in good farming district. \$4,000 cash if sold soon.

515 ac., southeast of Stettler, with 160 ac. of lease; 120 ac. cult., balance hay and pasture. Excellent 5-rm. house and all necessary outbuildings. As going concern with 40 good cattle including 10 milch cows and Hereford bull; 6 good work horses and saddle horse; 100 chickens; farming and haying machinery; harness, saddle, seed grain, small tools and household furniture, \$11,000 — some terms.

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Splendid section Langdon district — all cultivated; fair buildings. \$50 per ac.

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**FARM FOR SALE**—To close an estate we are offering half sections or larger units in the Camrose District. Apply The Canada Permanent Trust Company, 10126 - 100th Street Edmonton, Alberta.

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6 PACKETS BEAUTIFUL FLOWER SEEDS 15c, also 1947 List. Hutchison Gardens, Lunnford, Alberta.

## HELP WANTED FEMALE

**LEARN HAIRDRESSING** — Big pay, pleasant, easy work. Join America's greatest school. Hundreds positions open. Short time taken. Thousands successful. Marvel graduates. Catalogue free. Write Marvel Hairdressing Schools, 326A - 8th Ave. W., Calgary, or 10244 - 101st St., Edmonton, Alta.

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**SHIP** your green and dry cattle hides, green horsehides, sheepskins, horsehair, raw furs to J. E. Love & Son, Calgary, for best market values.

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**EXPERT WATCH AND JEWELLERY REPAIRING, DIAMONDS, OLD GOLD AND SILVER PURCHASED.** Send or bring to **HENRY BIRKS & SONS** (Western) Limited, Calgary

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## RED POLLS

**THE CATTLE OF THE FUTURE** must be economical to FEED. Produce High-grade Milk — and Breed Good Beef Making Calves — "The Breed is the Dual-Purpose RED POLL" — For further particulars apply, Canadian Red Poll Association, Anaheim, Sask.

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## CREAM SEPARATOR SUPPLIES AND REPAIRING

New parts available for any make of cream separator. Two rubber rings and complete set of brushes sent postpaid on receipt of \$1.00. Send in your bowl complete, spindle, neck bearing and spring when we will retin the bowl, retin, respace, reshape each disc, rebalance the bowl and put everything in first-class condition. All work GUARANTEED. Over 40 years in business. T. S. Petrie, 373 Bowman Ave., Winnipeg.

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**COMPLETE LINE OF REBUILT MOTORS** — Specializing in Ford A, V-8, Dodge, Plymouth, Chevrolet, etc. Connecting rods exchanged or rebabbitted according to specifications, also stock of pistons, pins, rings, bearing shells, transmission, differential gears and bearings, Ford and Chevrolet Shop. Dave's Auto Parts and Machine Shop, 291 Logan Ave., Winnipeg, Man.

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1½ H.P. rubber tired \$189.00, with steel wheels \$280.00, cultivator and plow included. Hand type tractors, 3 H.P. \$490.00, 6 H.P. \$533.00; riding tractor 6 H.P. \$745.00, includes plow, cultivator, discs, sickle cutting bar, disc sharpener unit.

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Oil filter refills for any type filter. Write **MARKETING SERVICES LIMITED** 806 Centre Street, CALGARY, ALBERTA

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**WANTED TO BUY FOR CASH** late model No. 21 Massey-Harris Self-Propelled Combines. Write or phone General Farm Supplies Ltd., Lethbridge, Alberta. Phone 4363.

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With Arthritic or Rheumatic pains, Stomach Ailments, Kidneys, Nerves, Piles, Colitis, Eczema, Female Ailments, Weakness, Run-down, etc., we will gladly refer you to responsible men and women who have proven the merit of Lang's Mineral Remedy to their satisfaction. Write us for free information, we don't ask you to buy anything. Lang's Mineral Remedies, 946 Robson Street, Vancouver, B.C.

**RHEUMATIC PAINS**—Why go on suffering the agonies of Rheumatic Pains, Lumbago, Sciatica, Sore Muscles, Stiff Muscles, Stiff Joints, Pain in the Chest or Back when Elik's Rheumatic Ointment No. 12 will give effective and prompt means of relief. No. 12 is unique in its power to get right to the pain. Its heat penetrates swiftly to the painful area, hurries healing blood to relieve the congestion and spreads comforting warmth over the aching area. Full directions on label. Guaranteed to give results or money refunded. Prices \$1.00, \$1.75. Get it from your local druggist. If not obtainable order from: Elik's Medicine Co., Dept. 6, 222 - 20th St. W., Saskatoon, Sask.

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Internal, Protruding, Bleeding or Itching Piles. Send One Dollar for Twenty Palova Suppositories. Satisfaction or money refunded. **MODERN HEALTH SUPPLIES**, Dept. H., Box 188, Vancouver, B.C.

**ELIMINATE THE POISONS FROM YOUR body.** By keeping the Kidney and Bowel action regular. Elik's Tea No. 4, a selection of herbal ingredients, arouses the action of the kidneys, the liver, and the bowels and promptly eliminates the poisons from the system. Pains, aches and fatigue disappear and serious disease is prevented. Price \$1.00 and \$2.00. Get it from your local druggist. If not obtainable, order from: Elik's Medicine Co., Dept. 6, 222 - 20th St. W., Saskatoon, Sask.

## MINK

## MINK RANCHERS

**INTERESTED IN IMPROVING YOUR STOCK?** Try K. & K. Standards — Yukon and Gauthier Strains. Extra Dark, Extra Large. Male or Female. Write for information, Room 3, 650 Columbia St., New Westminster, B.C. ORDER BREEDING STOCK FOR FALL.

## MISCELLANEOUS FOR SALE

**QUICK-HEAT OIL BURNERS** suitable for garages, brooder houses, pump houses, and work shops. No. 1 burner, \$14.75; No. 2 burner, \$32.50; 3-gallon tanks, \$5.50 F.O.B. Cowan Fuel Co., 2935 Retallack St., Regina, Sask.

**TYPEWRITERS**, standard office size and portables with case, guaranteed A-1 condition. Write 222 McIntyre Block, Winnipeg, Man.

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**HIGH-GRADE NEW ADULT GALVANIZED BATHTUBS.** Each bathtub is 5 ft. long on legs with drain outlet. \$8.95 each f.o.b. Winnipeg. No C.O.D.'s. Immediate delivery. K. & J. Wholesale Supply, Dept. "R", 231 Jarvis Ave., Winnipeg.

**BUTTON HOLES & DARNING MADE** easy with 10-in-1 sewing machine attachment. Fits any make. Sew backwards, forwards, and any direction. Sew on buttons, zippers, darns children's work clothes, stockings, etc. Illustrated instructions, button-hole gauge, hoop, ruler, scissors sharpener, needle threader, \$1.00 postpaid or C.O.D. plus charges. Two in one rugmaker and hemstitcher. Fits any make, 75c. With complete order at \$1.75 we supply free, invisible mending tape for suits, dresses, leather goods, hot water bottles, etc. Repair parts for all makes sewing machines. Humen Sewing Machine Co., 12409 - 87th Street, Edmonton, Alta.

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**SUNLIGHT AND CHIEF RASPBERRIES**, \$2.00 per hundred; Hazel nuts, Saskatoon, Highbush Cranberries, ten for \$1.00; Progressive and Gem Everbearing Strawberries, \$2.00 per hundred; O.A.C., Dakota, Dunlop, Rocky Hill, \$1.50 per hundred. Postpaid. T. H. KELSEY, Gunn, Alta.

## PATENTS

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## PERSONAL

**RUPTURED?** New patented invention, lifts and holds like the human hand. Write for information. Hand-Lock Products, 146 King St. East, Kitchener, Ont.

**LONELY WRITERS** — Join our romantic correspondence magazine. Try a copy, 25c postpaid. Co.-Publishers, Parkview, Sask.

**"BEWITCH OTHERS"** — Make them love you. Wield powerful love control. Secure clever woman's personal methods (confidential). Get special charm. Revealing book, introducing you to valuable help, 10c. Garden Studios, Dept. 5023, Box 423, M.S.S., New York.

**TESTRONES FOR MEN, OVERONES** for women, special Hormones created and manufactured in the Laboratories of the British Glandular Products Ltd., of London, Eng. Confidentially, they are the finest regenerative medium for the disabilities of middle and old age. Unobtainable during the war, they can now be purchased in Canada. They are not a stimulant, but a quick restorer of youthful vigor and elasticity. Single bottles, \$3.50. Full course three bottles, \$10.00. Mail orders, Glandular Health Products, 506 Maclean Building, Calgary, Alberta.

## RUPTURE TROUBLES ENDED

Positive relief and comfort. Advanced method. No elastic, no understrap, no steel. Write Smith Manufacturing Co., Dept. M, Preston, Ontario.

**LONELY? GET ACQUAINTED, MARRY** Hundreds of members. Many with means. Widows with farms or city property. Country and city girls. Teachers, nurses, farmers' daughters, cooks and housekeepers. Sealed particulars free. Canadian Correspondence Club, Box 128, Calgary, Alta.

## FREE FOR ARTHRITIC PAINS

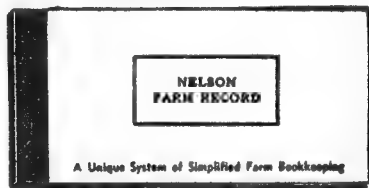
Try "Rosse Tabs" at our risk, for pains of Arthritis, Neuritis, Rheumatism. Send no money — just send name and address, and we will rush you a full-size package. If after using 24 Tabs you are not amazed at the relief from pain, return the package to us — and it costs you nothing. Write today. Rosse Products Company, Dept. 20-C, 2708 Farwell Ave., Chicago 45, Ill. Shipped from Canadian office, duty free.

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(Continued on page 38)

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Thousands healed by our advanced method. No leg straps, no elastic, no plasters. No pressure on hips or spine. Flexo pad. Different from all others. Endorsed by doctors, mechanics, clerks, everywhere. Very light. **INEXPENSIVE, GUARANTEED.** Write for information and trial kit.

**SMITH MANUFACTURING COMPANY**  
Established 1893. Dept. D-98, Preston, Ont.

## Good News for Rectal Sufferers

**FREE BOOK**—Tells of Causes, Effects and Treatment



You may now have a **FREE** copy of this interesting, illustrated 122-page book on Piles, Fistula, Stomach and Colon disorders and associated ailments. No obligation. Write today. The McCleary Clinic, C-576 Elms Blvd., Excelsior Springs, Mo.

## CLASSIFIED ADS BRING RESULTS

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## ● Functional Constipation?

Get Forni's time-tested Alpenkräuter. More than a laxative, it is also a stomachic tonic medicine compounded of 18 of Nature's own medicinal roots, herbs and botanicals. Alpenkräuter puts sluggish bowels to work and aids them to gently and smoothly expel clogging waste; helps drive out constipation's gas, gives the stomach that splendid feeling of warmth. If you again want to know the joy of happy relief from constipation's miseries and comfort your stomach at the same time, get Alpenkräuter today. **Caution: Use only as directed.**



If you cannot buy it in your neighborhood, send for our "get acquainted" offer on Alpenkräuter and receive—

## EXTRA 60c Value — Trial Bottles of

**FORNI'S HEIL-OEL LINIMENT**—antiseptic—brings quick relief from rheumatic and neuralgic pains, muscular backache, stiff or sore muscles, strains and sprains. **FORNI'S MAGOLO** — alkaline—relieves certain temporary stomach disturbances such as acid indigestion and heartburn.

## MAIL this "SPECIAL OFFER" Coupon—Now

- ☐ Enclosed is \$1.00. Send me postpaid regular 11 oz. \$1.00 bottle of Alpenkräuter and—extra 60¢ value—trial bottle each of Heil-Oel and Magolo.
- ☐ C.O.D. (charges added).

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Postoffice . . . . .

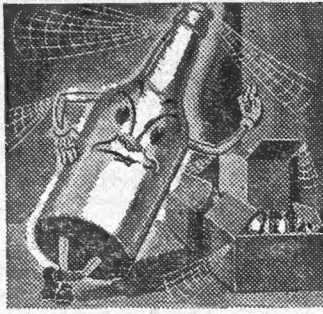
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Dept. C964-33B

1301 Washington Blvd., Chicago 12, Ill.

250 Stanley St., Winnipeg, Man., Can.

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RURAL RESIDENTS PLEASE NOTE:

When Apprehended at any Country point, Ship Freight Collect direct to the nearest DELIVERIES LIMITED Bottle Depot at:—

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Agents for BREWING INDUSTRY OF ALBERTA

## 3rd AUCTION SALE OF 31 KILLEARN SHORTHORNS



NORSEMAN IMP.

AT EXHIBITION GROUNDS, EDMONTON, ALTA.

ON

TUESDAY, MAY 13th, 1947

Commencing at 1 p.m.

The offering will comprise:

- 11 sons of NORSEMAN IMP.
- 14 sons of KILLEARN MAX 5th
- 5 sons of KILLEARN MONARCH 34th
- 1 son of KILLEARN NORSEMAN

On May 12th Buses will leave the Macdonald Hotel at 9:30 a.m. for Tofield and Gold Bar Farms to inspect the Dams and Sires of our offering. BE SURE TO ATTEND THIS SALE AND INSPECTION TRIP.

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200A-R Grain Exchange Building,  
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DO IT NOW! Incorporated 1907  
No Medical Exam. Required.

(Continued from page 37)

### PERSONAL

**WORRIED?** — Tell me your troubles. Questions answered. Fee, \$1.00. Send birth date to Madame Farrel, noted Psychologist, 1286 West Broadway, Vancouver, B.C.

**WOULD LIKE TO HAVE FRIENDLY CORRESPONDENCE** with lonely folks. Mrs. G. O. Heck, 5 Windsor Ave., London, Ont.

**ANYONE KNOWING THE WHEREABOUTS** of Joe Viney, formerly C.P.R. employee living at Outlook, Sask., please get in touch with Box 1044, Vancouver, B.C., as his son-in-law would like to get in touch with him. Thanks.

### PHOTO FINISHING

**FREE SNAPSHOTS! FREE ALBUM!** Mail this ad and two negatives for free snapshots complete in album! Only one free offer to a customer. When you see these free samples you'll want more! Artisto, Dept. 159, Drawer 220, Regina, Sask.

**ROLLS DEVELOPED AND PRINTED 25c—** or 8 reprints for 25c—plus double-weight professional enlargement coupon free with each roll. Cut Rate quality would cost you more elsewhere. Films for all cameras now available. Cut Rate Photo Service, Dept. E, Box 236, Regina, Saskatchewan.

**SENSATIONAL Introductory Offer!** 6 beautiful enlargements of any 6 negatives of same size (up to 2 1/4 x 4 1/4). Produced with new Photo Electric "Magic Eye." Send negatives with this ad. and 25c in coin today! Photo Research Labs., Dept. E, Drawer 370, Regina, Sask.

### RABBITS

**RAISE RABBITS FOR WOOL,** meat and fur, and read "Canadian Rabbit Raiser" magazine. Send \$1.00 for one year to 41 Flack Block, Vancouver, B.C.

### SEED FOR SALE

**REGISTERED AND CERTIFIED SEED GRAINS AND GRASSES,** rape seed and peas. Price list now ready. Ask for copy. Newfield Seeds, Nipawin, Sask.

**LARAIN,** the new early oat developed at Lacombe. Certified No. 1 seed, \$1.60 per bushel, sacked, F.O.B. Millet. Henry Young, Millet, Alta.

### SONG WRITERS

**POEMS** wanted for musical setting. Send poem for immediate consideration and FREE Rhyming Dictionary. Richard Bros., 18 Woods Building, Chicago.

**POEMS WANTED FOR MUSICAL SETTING.** Send poem for immediate consideration. FIVE STAR MUSIC MASTERS, 545 Beacon Bldg., Boston, Mass.

**POEMS WANTED** for musical setting. Send Poems for immediate consideration. Hamann Service, 605 Manhattan Building, Milwaukee, Wisconsin.

### STAMMERING

**STAMMERING CORRECTED** — For free, helpful booklet write William Dennison, 543-R, Jarvis St., Toronto.

### TANNERS

**TANNERS, Furriers, Fur Dressers** — Furs stored and repaired, robe and leather Tanning, Taxidermy. The Briggs Tannery, Offices and Factory, Burnside, Calgary, Alberta. Phone E 5430.

### TURKEYS

**POULTS, BROAD-BREADED BRONZE,** all eggs produced on our farm from carefully selected breeders. Government approved and pulchrum tested. April, May, 70c each; June, 65c; 10% deposit with order, 100% live delivery. L. A. Currie, Box 116, Cloverdale, B.C.

### WATCH REPAIRS

**IF IT'S OUT OF ORDER** send it to us. Two weeks' guaranteed service. Formerly with Henry Birks and Uren, Calgary, 22 years' experience. B. A. Lloyd, 624 - 21st Ave. N.W., Calgary. Phone H 3843.

The 1947 annual meeting of the Canadian Seed Growers' Association will be held at Macdonald College, P.Q., June 18 to 20. Special attention will be given at the meeting to developing control measures for seed diseases.

Dr. J. F. Booth, associate director of the marketing service of the federal department of agriculture, Ottawa, has been elected president of the Agricultural Institute of Canada. A member of the organization since 1920, he has headed the Institute's scholarship committee which has raised some \$50,000 for this work in the last two years.

## News Items Of Interest

**KING** Christian X, ruler of Denmark for the last 35 years, died in Amalienborg Castle, Copenhagen, on April 20, after a two weeks' illness at the age of 76. Crown Prince Frederick, 48, succeeded his father and was crowned King Frederick IX.

In one of the greatest holocausts in recent years, more than 580 persons were known dead and some 3,000 injured in Texas City, Tex., when a series of blasts and fires followed an explosion on a nitrate-laden freighter in the harbor. Rescue workers believed bodies of some of the victims would never be recovered.

Sir John Boyd Orr, director general of the Food and Agriculture Organization of the United Nations, has been nominated for the Nobel Peace Prize for 1947 by the British National Peace Council.

British farmers lost an estimated 2,000,000 lambs and 1,400,000 ewes in the severe weather of the past winter, the House of Commons was told. Cattle losses are placed at 30,000. The government will continue subsidy payments to hill farmers on the basis of their 1946 flocks until probably 1950.

Henry Ford, outstanding pioneer of the automotive world, died at his home in Dearborn, Mich., on April 7 at the age of 83. His multi-million-dollar motor and industrial empire was left in the control of his family, now headed by his grandson, Henry Ford II.

Earliest reports of 1947 seeding in Southern Alberta came from the Turin district, where Fred Schuld started drilling wheat on dry land on April 9. Within a few days, wheat and spring rye was being planted near Barnwell, while Tom Brown, well known seed grower at Cassils had finished seeding a 60-acre field of barley by April 12.

A closed season on all upland game birds may be declared in Saskatchewan next fall because of serious losses to the game bird population as a result of the past severe winter. A survey shows that cold and lack of feed have taken a toll of from 20 to 80 per cent of game bird stocks in many areas.

M. L. Freng, veteran agricultural authority in Southern Alberta, died at his home in Brooks on April 12. During his years of service there and at Lethbridge he had been active in the organization of boys' and girls' calf clubs and in the promotion of irrigation and horticulture.

Arrangements are being made to bring an additional 1,100 Polish war veterans to Canada for work on farms. This number will bring the total movement of Polish farm workers into Canada up to 4,000, the quota originally set.

L. C. McQuat, general agricultural agent of the C.P.R., and a member of the Canadian Meat Board, died April 1 at the age of 55. He served for some years as bacon specialist in the federal department of agriculture and was active in boys' and girls' farm club work.

## Wit of the World

Two old bachelors sat talking. Their talk drifted from politics and finally got around to cooking. Said one: "I got one of them cookery books once, but I never could do nothing with it."

"Too much fancy work in it, eh?" "You said it. Every one o' them recipes began the same way — 'Take a clean dish' — and that settled me."

Teacher: "Johnny, will you please give three collective nouns?"

Johnny: "Flypaper, wastebasket, vacuum cleaner."

\* \* \*

Peter was playing at Jimmy Brown's house. When it was time to go home it started to rain. Mrs. Brown offered to lend him Jimmy's raincoat and goloshes.

"Don't take so much trouble, Mrs. Brown," said Peter, politely.

"I'm sure your mother would do as much for Jimmy," she replied.

"My mother would do more," said

Peter. "She'd ask Jimmy to stay to supper."

\* \* \*

A woman went to buy a drinking bowl for her dog and the shopkeeper asked her if she would like one with the inscription, "For the dog."

"It really doesn't matter," she replied. "My husband never drinks water and the dog can't read."

\* \* \*

"Do you have much variety at your boarding-house?"

"Well, we have three different names for the meals."

Laborer: "I dug this hole where I was told to, and began to put the dirt back like I was supposed to. But all the dirt won't go in. What'll I do?"

The supervisor pondered, and then said: "I have it. There's only one thing to do. You'll have to dig the hole deeper."

\* \* \*

Judge: "Guilty or not guilty?" Rastus: "Not guilty, suh."

Judge: "Have you ever been in jail?"

Rastus: "No, suh, Ah never stole nothin' befo'."

# The ice is still THIN!

★

Even though the "Danger" signs of Inflation can be taken down now, they have to be replaced with signs reading, "Proceed With Caution." The ice is still too thin for any Canadian to tell himself, "Now, at last, I can go ahead and buy everything I want."

We can't—yet. But we can proceed to enjoy—in moderation —many of the goods and services which were so long in short supply. These good things are ours at moderate prices now because we were moderate in our demands before.

Today, Canadians can indeed be proud of one of this country's finest possessions, which is, as The House of Seagram has long contended, this nation's policy of moderation in all things—in its thinking, in its buying and in its personal habits.

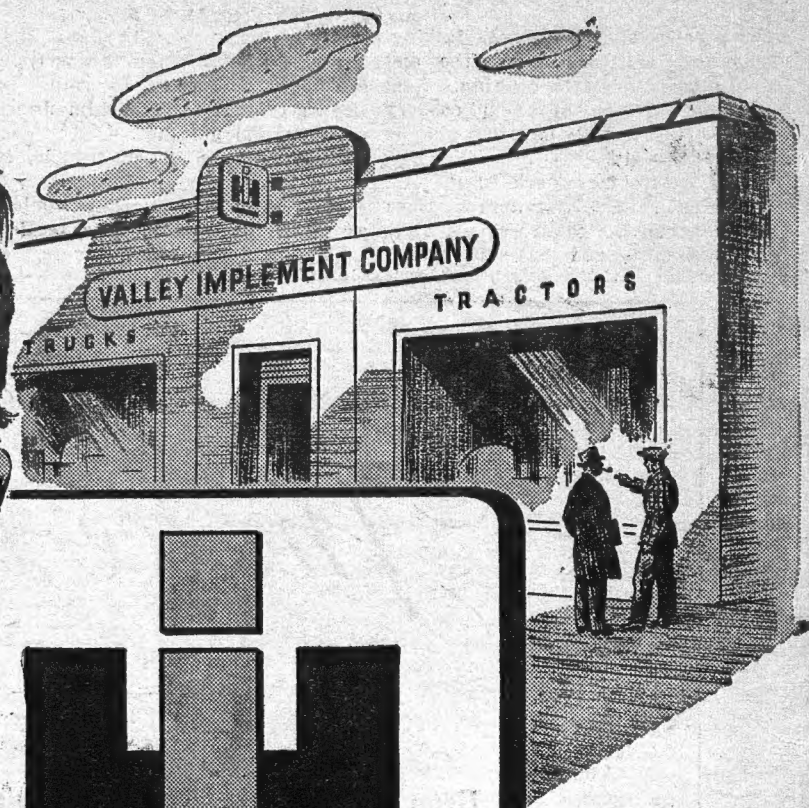


*Men who Think of Tomorrow*

*Practice Moderation Today!*

## THE HOUSE OF SEAGRAM

\* \* \*



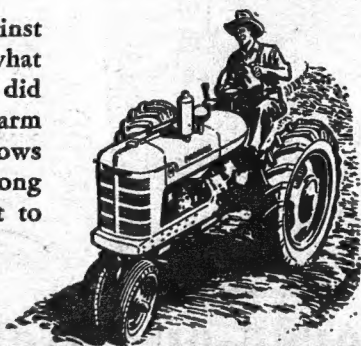
**IH**  
**DEALER**

## **A MAN IN YOUR COMMUNITY** *on whom you can depend*

HE IS a business man, although you may not find him at his desk. More likely he will be demonstrating a new machine, or servicing somebody's tractor, or discussing tillage or harvesting problems with one of your neighbors.

He is a man of great importance to every farmer in the community. He knows farming and farm equipment from the ground up. His main job is to bring land and labor-saving equipment together—and to keep that equipment running smoothly.

He knows what you have been up against throughout the war years and since—and what is expected of him today, as well as he did then. Well aware that the days of farm machinery shortage are not yet over, he knows as well as you that many an implement long past the retirement age has to be put to work again this year.



He has kept abreast of the great waves of change in agriculture. Today his store is headquarters for modern power farming equipment of International Harvester manufacture—the Farmall Tractor and the Farmall system. And his mind is a veritable storehouse of up-to-the-minute information on the many great new things that are coming to help make the family farm a better place on which to work and live.

He is a prosperity builder of the first order. He has contributed much to your community—and he will contribute much more. No matter how well you know him now, *you will surely like to know your International Harvester Dealer better.*

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and other large areas.

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WEED-NO-MORE 40

Quick-Penetrating BUTYL ESTER Type 2, 4-D

## A FIELD LEADER PRODUCT

with distinct advantages for Ground and Air Application

Here is another outstanding product from the Green Cross Laboratories. Applied to grain fields before the jointing or after the milk stage Weed-No-More 40 provides effective and economical control of most serious species of weeds in grain *without damage to the crop*, thereby aiding in

moisture conservation and increasing the yield of premium quality grains.

While most 2, 4-D preparations are salt formulations with definite limitations WEED-NO-MORE contains the famous BUTYL ESTER OF 2, 4-D which gives it many unique and decided advantages proven in field tests.



Available in  
1 gal. and 5 gal.  
cans or 45 gal. Drums.

- 1. Quick Penetration**—Weed-No-More is a liquid containing the Butyl-Ester of 2, 4-D in a refined oil spray. Because of its oily nature it penetrates the plant tissue quickly . . . in a matter of seconds . . . and spreads rapidly through the plant system.
- 2. Resistant to Rain**—Salt formulations of 2, 4-D evaporate leaving dry solids on the leaves which are easily washed off. Weed-No-More, because of its oily ester nature and rapid penetration is not readily washed off by rain after application.
- 3. Mixes Readily**—Weed-No-More can be mixed with any type of oil or water, hard and soft. It is ideal for air application where diesel fuel oil is the best carrier. Salt formulations will not mix with oil.
- 4. Highly concentrated**—Economical Weed-No-More 40 is a powerful concentration of 2, 4-D (40% Butyl-Ester) and consequently gives better coverage with less labour and cost.
- 5. More Effective**—The Butyl-Ester 2, 4-D formulation has been definitely proven more effective especially on resistant weeds such as Purslane.
- 6. Works Faster** under cool weather conditions.
- 7. Easily applied**—Can be used with any type of spray equipment—Aeroplane, Buffalo Turbine, Boom Sprayer, Power Sprayers, etc.
- 8. Non-Poisonous**—No problem of soil sterility. Harmless to animals.
- 9. Non-Corrosive**—Will not affect wood, metal, or hose connections.

**10. Selective**—Permits cropping of small grains simultaneously with weed control thus eliminating erosion problems.

**11. In Liquid Ester Form**, easily and accurately measured.

**12. Stores easily**—Will not freeze, evaporate or deteriorate in storage, no fire hazard.

## RATES OF APPLICATION

Spray all foliage thoroughly without run-off or waste at following concentrations:

**With Ground Sprayers.** Use 16 oz. of Weed-No-More 40 to 80 gals. water per acre.

**With Fog Sprayers.** (Buffalo Turbine type) Use 16 oz. Weed-No-More 40 to 5 gals. of water per acre.

**For Air Application.** 16 oz. Weed-No-More 40 to 1 3/4 gals. Diesel Fuel Oil No. 2 per acre.

**WARNING:** While harmless to grain or grass, 2, 4-D will kill many broad leaved plants or trees as well as weeds. Care should be taken, especially on windy days, to avoid letting the spray reach fields with susceptible crops, trees, clover, hedges, etc. Wash out sprayer as directed on can before using for any other type of work.

**APPLICATION EQUIPMENT:** While Green Cross Insecticides do not have any application equipment for hire a list of owners with aeroplane or ground equipment is being compiled and will be available to all Weed-No-More users. If you have equipment for hire list your name with us.

MAIL  
THIS  
COUPONTO GREEN CROSS INSECTICIDES  
110 Sutherland Ave., Winnipeg, Man.

Please send me further information on Weed-No-More 40:

Name .....

Address .....

## GREEN CROSS INSECTICIDES

Green Cross Insecticides are the products of the combined technical, research and production facilities of four great Canadian Companies—The Canada Paint Company, Limited; The Lowe Brothers Co. Limited; The Martin-Senour Company Limited and The Sherwin-Williams Co. of Canada Limited and their affiliates in the United States.

THE LARGEST MANUFACTURERS OF INSECTICIDES IN THE WORLD

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